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Current and Recent Research and Studies Relating to Northern Social Concerns Volume IV, Part 1 NSRD 81-1

Northern Affairs Program





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Current and Recent Research
and Studies Relating to
Northern Social Concerns
Volume IV, Part 1
NSRD 81-1

— NO 1

4

Northern Affairs Program



by Gertrude Rosenberg, Rachelle Castonguay
and Jeffrey Ross

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**CURRENT AND RECENT RESEARCH
AND STUDIES RELATING TO
NORTHERN SOCIAL CONCERNS**

**Information held in the
Northern Research Information and Documentation Service
Northern Affairs Program**

Volume IV - Part I

1980-81

TABLE OF CONTENTS

	<u>Page</u>
FOREWORD	i
SUBJECT HEADINGS	ii
CROSS REFERENCES	v
GEOGRAPHICAL INDEX.....	viii
LIST OF CURRENT AND RECENT RESEARCH AND STUDIES RELATING TO NORTHERN SOCIAL CONCERNS	1

FOREWORD

This volume, No. IV - Part 1 of CURRENT AND RECENT RESEARCH AND STUDIES RELATING TO NORTHERN SOCIAL CONCERNS, lists research projects undertaken during 1980-81. Those who have consulted previous volumes of this series will know that we are concerned here not with current publications but rather with information about research actually in work at the time we collected these data. We emphasize this fact for those consulting this listing for the first time.

This means, of course, that for the majority of these projects no report has yet been written. When such a report is produced, it is usually a typed, photocopied, unpublished manuscript, and we try to get a copy for our Documentation Centre, where it is available for all to consult. Anyone not able to come to our Centre should get in touch directly with the contact mentioned in each case.

Since we have been gathering together such reports for the past five years, we have a fairly extensive collection on hand, and we welcome all researchers and managers to make use of these in our Centre.

For those who have access to computer terminals, this information is available on line on CAN/OLE.

We are at present still collecting information on work done in 1980-81 and will publish this in Volume IV - Part 2. We welcome additional data from anyone who is at present engaged in research.

For further information please contact:-

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Northern Research Division
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4

Telephone: (819) 997-9666

SUBJECT HEADINGS

Aboriginal Rights	Ethnography
Air Transportation	Falcons
Alcohol	Finance
Archeaology	Fisheries
Art	Flies
Bears	Food
Bibliography	Fur Trade
Bird Migration	Geese
Building	Government Policy
Caribou	Gulls
Cold	Harbour
Community Planning	Health
Conference	Highway Engineering
Co-operatives	History
Crustacea	Housing
Defence	Human Geography
Demography	Hunting
Dentistry	Ice
Development	Indian Administration
Ducks	Insects
Ecology	International Law
Economic Development	Inuit: Ethnography History Kinship Literature Missionary Activity Music Pregnancy
Education	
Energy	
Environment	

Inuit: (Cont'd)	Natural Resources
Social Life	Nurses
Sociology	Nutrition
Songs	Oil Spills
Urban Setting	Parks
Youth Groups	Permafrost
James Bay Hydroelectric Project	Physical Geography
Justice	Pipelines
Lakes	Polar Bears
Land Use	Political philosophy
Languages: Athapaskan	Pollution
Beaver	Public Hearings
Education	Recreation
Inuit	Reindeer
Naskapi	Renewable Energy
Leadership	Resource Development
Local Government	Revegetation
Marine Biology	River
Marine Ecology	Seals
Maritime Law	Shelters
Mining	Snow and Ice
Muskoxen	Social Impact Assessment
Native People: Administration	Social Survey
Demography	Solar Heating
Economic Development	Telecommunications
Education	
Ethnography	
Kinship	
Non-native Attitudes	
Political Philosophy	
Reserves	
R.C.M.P.	
Self-administration	
Social Survey	
Urban Setting	
Native Rights	

Territorial Government

Toponymy

Tourism

Town Relocation

Transportation

Trapping

Travel

Tribal Courts

Vegetation

Wage Employment

Walrus

Water Distribution System

Water Management

Whales

Wildlife

Walrus

CROSS REFERENCES

Aboriginal Rights	see also	Native Rights
Arctic Sovereignty	see	Defence
Art	see also	Inuit
Caribou	see also	International Law, Wolves
Community Developmnt	see also	Economic Development, Housing, Native People
Co-operatives	see also	Economic Development, Housing, Native People
Courts	see	Justice
Demography	see	Environmental Impact Assessment, Native People
Development, Natural Resources	see also	Environmental Impact Assessment
Ecology	see also	Bibliography, Flies, Insects, Inuit, Trapping, Wildlife
Economic Development	see also	History, Local Government, Mining, Native People, Town Relocation, Water Management
Education	see also	Health, Isolated Communities, Language, Leadership, Native People, Nutrition, Telecommunications
Employment, Wage	see	Social Impact Assessment
Fishing	see also	Co-operatives, Environmental Impact Assessment
Forest Fires	see	Wildlife
Government Policies	see also	Housing

Health	see also	Education, Nutrition, Telecommunications
History	see also	Inuit, Territorial Government
Housing	see also	Conferences, Native People
Hydroelectric Development	see also	Environmental Impact Assessment, Social Impact Assessment
Inuit	see also	Demography, Hunting, Language
Iron Ore	see	Economic Development, Mining
Isolated Communities	see	Education, Nurses, Renewable Energy, Telecommunications
James Bay Development	see also	Social Impact Assessment
Land Claims	see	Aboriginal Rights, Native Rights
Land Use	see also	Environmental Conservation, Government Policies, James Bay Hydroelectric Project
Literature	see	Inuit
Mining	see also	Environmental Impact Assessment, Revegetation, Social Impact Assessment, Transportation
Missionary Activity	see	Inuit
Music	see also	Inuit
Native People	see also	Education, Fishing, Fur Trade, Health, History, Housing, Resource Development, Social Impact Assessment, Toponymy, Wage Employment

Natural Resources	see	Land Use, Parks
Nutrition	see also	Education, Health
Oil Pollution	see also	Polar Bears
Parks	see also	Natural Resources
Permafrost Disturbance	see	Environmental Impact Assessment
Pipelines	see	Social Impact Assessment
Political Philosophy	see	Native People
Pollution	see	Oil Spills, Vegetation
Resource Management	see also	Co-operatives, Ice, Native Rights
Reserves	see	Native People
R.C.M.P.	see	Native People
Satellites	see	Telecommunications
Schools	see	Education
Seals	see	Bears, Ecology
Transportation	see	Maritime Law, Resource Development
Treaties	see	Native People
Whales	see also	Archaeology, Hunting
Wildlife	see also	Individual Species: Ducks, Geese, etc.; Hunting, Land Use, Native People, Parks

GEOGRAPHICAL INDEX

ALBERTA, NORTHERN

Education	Card No. 1663
Fisheries Research	Card No. 1433
Solar Heating	Card No. 1650
Telecommunications	Card No. 1602

ARCTIC ARCHIPELAGO

Bibliography	Card No. 1653
Caribou	Card No. 1443
Caribou	Card No. 1444
Parks	Card No. 1605

ARCTIC BAY, N.W.T.

Inuit	Card No. 1456
-------	---------------

ARCTIC, EASTERN

Building Construction	Card No. 1647
Fisheries Research	Card No. 1640
History	Card No. 1570
Inuit	Card No. 1646
Language	Card No. 1463
Language	Card No. 1464
Parks	Card No. 1603
Walrus	Card No. 1641

ARCTIC, WESTERN

Parks	Card No. 1606
-------	---------------

AXEL HEIBERG ISLAND, N.W.T.

Natural Resources	Card No. 1459
-------------------	---------------

BAFFIN ISLAND, N.W.T.

Food	Card No. 1568
Inuit	Card No. 1415
Inuit	Card No. 1454
Native People	Card No. 1559
Oil Spills	Card No. 1512
Social Impact Assessment	Card No. 1569
Social Impact Assessment	Card No. 1582
Whales	Card No. 1553

BAILEY POINT, N.W.T.

Muskoxen	Card No. 1501
----------	---------------

BAKER LAKE, N.W.T.

Health	Card No. 1644
--------	---------------

BANKS ISLAND, N.W.T.

Archeaology	Card No. 1425
Archaeology	Card No. 1584

BATHURST ISLAND, N.W.T.

Caribou	Card No. 1684
Ecology	Card No. 1506
Gulls	Card No. 1691
Muskoxen	Card No. 1679

BEAUFORT SEA

Whales	Card No. 1634
--------	---------------

BRITISH COLUMBIA, NORTHERN

Co-operatives	Card No. 1517
Environmental Impact	
Assessment	Card No. 1700
Language	Card No. 1571
Native People	Card No. 1492
Telecommunications	Card No. 1599
Television	Card No. 1493

CANADA

Birds	Card No. 1507
Energy Resources	Card No. 1442
Health	Card No. 1521
Housing	Card No. 1482
Housing	Card No. 1484
Housing	Card No. 1485
Housing	Card No. 1488
Housing	Card No. 1490
Indian Administration	Card No. 1460
Inuit	Card No. 1682
Justice	Card No. 1441

CANADA (Cont'd)

Local Government	Card No. 1657
Native People	Card No. 1620
Native People	Card No. 1658
Native People	Card No. 1659
Native People	Card No. 1701
Native People	Card No. 1702
Native People	Card No. 1703
Native Rights	Card No. 1652
Renewable Energy	Card No. 1472
Tribal Courts	Card No. 1434

CAPE BATHURST, N.W.T.

Whales	Card No. 1624
--------	---------------

CAPE DORSET, N.W.T.

Art	Card No. 1451
-----	---------------

CAPE HATT, N.W.T.

Polar Bears	Card No. 1556
-------------	---------------

CAPE PERRY, N.W.T.

Whales	Card No. 1625
--------	---------------

CHESTERFIELD INLET, N.W.T.

Pollution	Card No. 1639
-----------	---------------

COPPERMINE, N.W.T.

Fisheries Research	Card No. 1643
Inuit	Card No. 1560
Language	Card No. 1623

DAWSON CITY, YUKON TERRITORY

Environmental Impact	Card No. 1533
----------------------	---------------

DAVIS STRAIT, N.W.T.

Marine Biology	Card No. 1548
Parks	Card No. 1604

ELLESmere ISLAND, N.W.T.

Archaeology	Card No. 1514
Archaeology	Card No. 1588
Parks	Card No. 1595

ESKIMO POINT, N.W.T.

Geese	Card No. 1520
Inuit	Card No. 1457
Inuit Ethnography	Card No. 1452

FORT LIARD, N.W.T.

Native People	Card No. 1455
---------------	---------------

FORT SIMPSON, N.W.T.

Language	Card No. 1469
----------	---------------

FROBISHER BAY, N.W.T.

Archaeology	Card No. 1525
Language	Card No. 1632
Marine Ecology	Card No. 1511
Telecommunications	Card No. 1621

HOLMAN ISLAND, N.W.T.

Inuit	Card No. 1458
-------	---------------

HUDSON BAY

History	Card No. 1516
---------	---------------

IGLOOLIK, N.W.T.

Health	Card No. 1622
Inuit	Card No. 1421

INUVIK, N.W.T.

Community Planning	Card No. 1694
--------------------	---------------

INVOLUTED HILL, N.W.T.

Physical Geography	Card No. 1637
--------------------	---------------

KEEWATIN DISTRICT, N.W.T.

Caribou	Card No. 1685
Caribou	Card No. 1686
Conference	Card No. 1481
Environment	Card No. 1536
Environmental Impact	Card No. 1575

LABRADOR

Archaeology	Card No. 1707
Archaeology	Card No. 1709
Economic Development	Card No. 1426
Education	Card No. 1706
Ethnography	Card No. 1518
Fisheries	Card No. 1667
Flies	Card No. 1671
Ice	Card No. 1678
Land Use	Card No. 1708
Language	Card No. 1587
Mining	Card No. 1716
Nutrition	Card No. 1447
Snow and Ice	Card No. 1527
Social Impact Assessment	Card No. 1666
Telecommunications	Card No. 1508
Telecommunications	Card No. 1509
Toponymy	Card No. 1545
Tourism	Card No. 1540
Whales	Card No. 1550

LANCASTER SOUND, N.W.T.

Land Use	Card No. 1473
----------	---------------

LITTLE CORNWALLIS ISLAND, N.W.T.

Pollution	Card No. 1558
-----------	---------------

MACKENZIE DELTA, N.W.T.

Highway Engineering	Card No. 1474
Inuit	Card No. 1420
Lakes	Card No. 1475
Reindeer	Card No. 1638

MACKENZIE DISTRICT, N.W.T.

Transportation	Card No. 1547
----------------	---------------

MACKENZIE VALLEY, N.W.T.

Toponymy	Card No. 1546
----------	---------------

MANITOBA, NORTHERN

Bird Migration	Card No. 1466
Economic Development	Card No. 1651
Education	Card No. 1693
Geese	Card No. 1529
Health	Card No. 1448
Health	Card No. 1449
Health	Card No. 1450
Health Services	Card No. 1462
Parks	Card No. 1608
Telecommunications	Card No. 1563
Wildlife	Card No. 1668
Wildlife	Card No. 1669

NAHANNI BUTTE, N.W.T.

Environmental Impact Assessment	Card No. 1635
---------------------------------	---------------

NEWFOUNDLAND

Archaeology	Card No. 1710
Archaeology	Card No. 1711
Archaeology	Card No. 1712
Flies	Card No. 1672

NOGASH LAKE, N.W.T.

Environmental Impact Assessment	Card No. 1519
---------------------------------	---------------

NORTH, GENERAL

Air Transportation Services	Card No. 1609
Community Planning	Card No. 1692
Crustacea	Card No. 1505
Education	Card No. 1681
Environment	Card No. 1614

NORTH, GENERAL (Cont'd)

Environment Card No. 1615
Environment Card No. 1617
Environment Card No. 1618
Environment Card No. 1619
Environmental Impact Assessment Card No. 1528
Environmental Impact Assessment Card No. 1531
Finance Card No. 1561
Government Policy Card No. 1522
Health Card No. 1495
Health Card No. 1665
History Card No. 1670
Housing Card No. 1486
Housing Card No. 1487
Hunting Card No. 1554
Insects Card No. 1578
Insects Card No. 1616
International Law Card No. 1677
Inuit Card No. 1586
Inuit Card No. 1589
Local Government Card No. 1566
Maritime Law Card No. 1676
Mining Card No. 1697
National Defence Card No. 1417
Native Rights Card No. 1430
Nurses Card No. 1513
Parks Card No. 1461
Parks Card No. 1607
Permafrost Card No. 1532
Pipelines Card No. 1427
Polar Bears Card No. 1471
Polar Bears Card No. 1551
Polar Bears Card No. 1555
Polar Bears Card No. 1557
Pollution Card No. 1577
Public Hearings Card No. 1564
Resource Development Card No. 1436
Resource Development Card No. 1470
Resource Development Card No. 1491
Revegetation Card No. 1579
Socio-Economic Impact Card No. 1696
Social Impact Assessment Card No. 1580
Temporary Shelters Card No. 1479
Travel Card No. 1660
Whales Card No. 1552

NORTHWEST TERRITORIES, GENERAL

Aboriginal Rights Card No. 1534
Archaeology Card No. 1477
Art Card No. 1673
Art Card No. 1674
Art Card No. 1675
Caribou Card No. 1497
Caribou Card No. 1498
Caribou Card No. 1499
Caribou Card No. 1687
Conference Card No. 1480
Environmental Impact Assessment Card No. 1698
Environmental Impact Assessment Card No. 1699
Falcons Card No. 1418
Government Policies Card No. 1515
Health Card No. 1631
Health Card No. 1688
Housing Card No. 1530
Inuit Card No. 1416
Inuit Card No. 1523
Inuit Card No. 1543
Justice Administration Card No. 1656
Land Use Card No. 1633
Language Card No. 1544
Local Government Card No. 1567
Local Government Card No. 1581
Nutrition Card No. 1431
Oil Spills Card No. 1576
Oil Spills Card No. 1648
Political Philosophy Card No. 1715
Recreation Card No. 1626
Rivers Card No. 1630
Telecommunications Card No. 1565
Telecommunications Card No. 1600
Territorial Government Card No. 1562
Vegetation Card No. 1628
Wolves Card No. 1683

OLD CROW, YUKON TERRITORY

Archaeology Card No. 1590

ONTARIO, NORTHERN

Dentistry	Card No. 1446
Health Services	Card No. 1428
History	Card No. 1690
Native People	Card No. 1422
Native People	Card No. 1423
Native People	Card No. 1478
Native People	Card No. 1591
Native People	Card No. 1592
Native People	Card No. 1593
Native People	Card No. 1594
Telecommunications	Card No. 1597

PINE POINT, N.W.T.

Environmental Impact Assessment	Card No. 1629
---------------------------------	---------------

PRINCE OF WALES ISLAND, N.W.T.

Caribou	Card No. 1496
---------	---------------

QUEBEC, NORTHERN

Archaeology	Card No. 1704
Demography	Card No. 1510
Ducks	Card No. 1573
Economic Development	Card No. 1542
Education	Card No. 1539
Fisheries	Card No. 1467
Fur Trade	Card No. 1432
Housing	Card No. 1483
Housing	Card No. 1489
Human Geography	Card No. 1538
Hunting	Card No. 1572
Hunting	Card No. 1574
James Bay Hydroelectric Project	Card No. 1661
Language	Card No. 1537
Language	Card No. 1680
Language	Card No. 1714
Native People	Card No. 1611
Social Impact Assessment	Card No. 1585
Social Survey	Card No. 1583
Telecommunications	Card No. 1596
Telecommunications	Card No. 1598
Telecommunicaitons	Card No. 1601
Town Relocation	Card No. 1610
Town Relocation	Card No. 1612

QUEEN ELIZABETH ISLANDS, N.W.T.

Caribou	Card No. 1500
---------	---------------

RANKIN INLET, N.W.T.

Language	Card No. 1649
Nutrition	Card No. 1642

SACHS HARBOUR, N.W.T.

Ethnography	Card No. 1419
-------------	---------------

SASKATCHEWAN, NORTHERN

Caribou	Card No. 1502
Community Planning	Card No. 1440
Education	Card No. 1465
Education	Card No. 1664
Land Use	Card No. 1437
Leadership	Card No. 1424
Native People	Card No. 1453
Nutrition	Card No. 1494
Recreation	Card No. 1438
Wage Employment	Card No. 1476

SLAVE RIVER, N.W.T.

Environmental Impact Assessment	Card No. 1627
Environmental Impact Assessment	Card No. 1645

SOMERSET ISLAND, N.W.T.

Archaeology	Card No. 1549
Archaeology	Card No. 1713

TUKTOYAKTUK, N.W.T.

Harbours	Card No. 1435
----------	---------------

VICTORIA ISLAND, N.W.T.

Vegetation	Card No. 1636
------------	---------------

WHITEHORSE, YUKON TERRITORY

Water Distribution Systems

YUKON TERRITORY, GENERAL

Alcohol	Card No. 1654
Alcohol	Card No. 1655
Caribou	Card No. 1504
Caribou	Card No. 1526
Economic Development	Card No. 1541
Health Care	Card No. 1439
Native People	Card No. 1695
Social Impact Assessment	Card No. 1445
Transportation	Card No. 1613
Trapping	Card No. 1503
Water Management	Card No. 1705
Wildlife Management	Card No. 1429

LIST OF CURRENT AND RECENT
RESEARCH AND STUDIES RELATING TO
NORTHERN SOCIAL CONCERNS

ABORIGINAL RIGHTS: LAW: INUIT

Card no. 1534

PROJECT TITLE: THE TERRITORIAL RIGHTS OF THE INUIT OF THE CANADIAN NORTHWEST TERRITORIES: A LEGAL ARGUMENT

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Geoffrey S. Lester

RESEARCHER(S): Geoffrey S. Lester, York University

PURPOSE: To investigate what legal rights the Northwest Territories Inuit have based on aboriginal possession. Disputes received Canadian academic and judicial view on most points of the law

METHODOLOGY: Library research

FINDINGS: Inuit have legal rights enforceable at their suit against the Crown in right of Canada

PROJECT BEGUN: September 1973

ANTICIPATED COMPLETION: December 1980, D. Jur. Thesis

REPORTS AND PUBLICATIONS:
"Aboriginal Land Rights: The Significance of Inuit Place Naming." Etudes/Inuit/Studies, III, 1979, pp. 53-75, by Geoffrey S. Lester
"Primitivism versus Civilization: A Basic Question in the Law of Aboriginal Rights to Land." In: Our Footprints are Everywhere: Inuit Land Use and Occupancy in Labrador, pp. 351-374, Ottawa, Labrador Inuit Association, 1978, by Geoffrey S. Lester

CONTACT:
Geoffrey S. Lester
Inuit Tapirisat of Canada
176 Gloucester Street
Ottawa, Ontario

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(*430)(*440)(*424)(*423)

AIR TRANSPORTATION SERVICES

Card no. 1609

PROJECT TITLE: NORTHERN AIRLINE SERVICES BY LOCAL SERVICE CARRIERS

GEOGRAPHIC LOCATION OF PROJECT: Yukon, Northwest Territories, Quebec/Labrador

PROJECT UNDERTAKEN BY: Canadian Transport Commission, Research Branch

RESEARCH CO-ORDINATOR: R. Fosbrooke, Canadian Transport Commission

RESEARCHER(S): Michel Archambault

FINANCIAL SUPPORT: Federal Government

PURPOSE: To describe the activities in the Northern regions of Canada of selected local service carriers throughout the period 1970-78 and to identify any changes in service patterns (for example, between charter and unit toll services) within three out-markets: Yukon, Northwest Territories and Quebec-Labrador

METHODOLOGY: The information submitted by the carriers to the Aviation Statistics Centre will be examined and analysed to obtain the required data base

PROJECT BEGUN: November 1980

ANTICIPATED COMPLETION: June 1981

CONTACT: R. Fosbrooke
Research Branch
Canadian Transport Commission
Ottawa, Ontario K1A 0N9
Tel. (613) 997-2830

ALCOHOL: SOCIAL PROBLEMS

Card No. 1654

PROJECT TITLE: STUDY OF IMPAIRED DRIVING IN THE YUKON

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: Carolyn Hursh

RESEARCH CO-ORDINATOR: Harold Finkler and Charles McLaughlin

RESEARCHER(S): Carolyn Hursh

FINANCIAL SUPPORT: Federal Government

PURPOSE:

1. To assess the nature and extent of the impaired driving problem in the Yukon
2. To assess the effectiveness of current methods applied to impaired drivers
3. To make recommendations for the adaptation of existing programs and/or the development of new programs

FINDINGS:

The research documented the existence of a serious impaired driving problem. It also showed that the measures currently being used are not able to significantly reduce the incidence of new offenders or to prevent existing impaired drivers from reoffending. To complicate the issue, it was also found that these offenders have many distinct subgroups within their numbers which has definite implications for any treatment planning. This phase concluded that a new approach had to be developed to deal with the impaired driving problem in the Yukon.

PROJECT BEGUN: October 1979

ANTICIPATED COMPLETION: May 1980

REPORTS AND PUBLICATIONS:

An Analysis of Impaired Driving in the Yukon with Recommendations for Program Development, by Carolyn Hursh, Whitehorse, Yukon, May 1980

CONTACT:

Harold Finkler
Northern Social Research Division
Northern Co-ordination and Social Development Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-9666

or

Charles McLaughlin
Chief of Alcohol and Drug Abuse
Government of the Yukon
Tel.: (403) 667-5777

ALCOHOL: SOCIAL PROBLEMS

Card No. 1655

PROJECT TITLE: YUKON IMPAIRED DRIVING STUDY-PHASE II

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: Carolyn Hursh

RESEARCH CO-ORDINATOR: Harold Finkler and Charles McLaughlin

RESEARCHER(S): Carolyn Hursh

FINANCIAL SUPPORT: Federal Government

PURPOSE:

1. To supplement existing information about Yukon impaired drivers
2. To supplement existing information about Yukon policies and procedures regarding impaired drivers
3. To identify countermeasure programs used elsewhere that could be applied to Yukon offenders

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: March 1981

CONTACT:

Harold Finkler
Northern Social Research Division
Northern Co-ordination and Social Development Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-9666

or

Charles McLaughlin
Chief of Alcohol and Drug Services
Government of the Yukon
Tel.: (403) 667-5777

571
(*469.6)

ARCHAEOLOGY

Card no. 1584

PROJECT TITLE: BANKS ISLAND ARCHAEOLOGICAL RESEARCH PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Banks Island, Northwest Territories

PROJECT UNDERTAKEN BY: University of Toronto

RESEARCH CO-ORDINATOR: Charles D. Arnold, University of Toronto

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate prehistoric cultural remains along the southeastern coast of Banks Island, Northwest Territories. The investigation will help define local occupational sequences, which may in turn be pertinent to archaeological problems that are much broader in scope

METHODOLOGY: Archaeological survey and excavations

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1980

CONTACT: Charles D. Arnold
University of Toronto
Toronto, Ontario

571
(*464.2)

ARCHAEOLOGY

Card no. 1588

PROJECT TITLE: ARCHAEOLOGY OF NORTHERN ELLESMORE ISLAND

GEOGRAPHIC LOCATION OF PROJECT: Northern Ellesmere Island

PROJECT UNDERTAKEN BY: Carleton University

RESEARCH CO-ORDINATOR: Patricia Sutherland

FINANCIAL SUPPORT: Federal Government

PURPOSE: To test by archaeological excavation the nature of prehistoric occupations of the northern interior of Ellesmere Island. A brief archaeological survey conducted in 1977 in the region lying between Tanquary Fiord and Lake Hazen revealed the existence of archaeological sites relating both to Paleoeshimo and prehistoric Eskimo occupation. This study will try to determine whether those sites were occupied by migrant people, or whether the sites represent a seasonal occupation by people whose coastal camps are known from the western and eastern coasts of Ellesmere Island

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1980

CONTACT: Patricia Sutherland
Carleton University
Ottawa, Ontario

ARCHAEOLOGY

Card no. 1707

PROJECT TITLE: SHULDHAM ISLAND ARCHAEOLOGICAL PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Shuldhams Island and vicinity and outer part of Saglek Bay, Labrador

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH CO-ORDINATOR: Callum Thomson, Memorial University of Newfoundland

RESEARCHER(S): Krishna Mair, Stephen Mills and Duncan Snowden

FINANCIAL SUPPORT: University, Provincial Government and Federal Government

PURPOSE: To investigate the Middle and Late Dorset occupation of Shuldhams Island and the outer part of Saglek Bay; to study the settlement/subsistence patterns in this region; to examine the soapstone carving industry indicated by previous survey; to document any possible contact among Dorset, Thule, Norse and Point Revenge Indian groups; to make a representative collection of artifacts and bone, if present, in order to compare this region's occupations with those elsewhere in northern Labrador and the eastern Arctic

METHODOLOGY: Excavation of two sod and stone, semi-subterranean, winter houses and two surface tent platform sites; collection of faunal material, lithic material and soapstone, including figurines; recording of stratigraphy, house structures and other features encountered, recording of soil profiles; survey of vicinity and testing of sites in order to document all occupations

FINDINGS: Artifactual evidence indicated the use of the winter house site by as many as nine different cultural groups over 4000 years; several house structures were recorded; collections made of thirty figurines and an adequate faunal sample for a seasonality study; evidence was found for possible Dorset/Thule/Point Revenge contact; 26 new sites recorded

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: 1981 M.A. Thesis

REPORTS AND PUBLICATIONS: "Preliminary archaeological findings from Shuldhams Island, Northern Labrador, 1980." In: Archaeology in Newfoundland and Labrador, 1980, Historic Resource Division, Department of Culture, Recreation and Youth, Government of Newfoundland and Labrador, March 1981

CONTACT: Callum Thomson
Department of Anthropology
Memorial University of Newfoundland
St. John's, Newfoundland,
A1C 5S7
Tel.: (709) 737-8869

ARCHAEOLOGY

Card no. 1709

PROJECT TITLE: A 16th CENTURY WHALING STATION IN LABRADOR

GEOGRAPHIC LOCATION OF PROJECT: Red Bay, Labrador

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Archaeology Unit

RESEARCH CO-ORDINATOR: James A. Tuck, Memorial University of Newfoundland

RESEARCHER(S): James A. Tuck

FINANCIAL SUPPORT: Federal Government

PURPOSE: To reconstruct the way of life of Spanish Basque whalers in southern Labrador between c. A.D. 1540 and A.D. 1600. Such things as whaling technology, adaptations to the Labrador environment, relations with native peoples, etc. are being investigated. This work, which centers on shore stations, is being carried out in conjunction with archival research in Spain and the excavation of the galleon San Juan, lost at Red Bay in 1565

METHODOLOGY: Standard archaeological methodology will be employed throughout the project

FINDINGS: Archaeological remains including such structures as "ovens", cooperages, dwellings, and other buildings as well as some 6,000 artifacts (ceramics, glass, ferrous and non-ferrous metals, textiles, and organic remains) have provided information bearing on the areas mentioned above

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: 1984-85

REPORTS AND
PUBLICATIONS:

Archaeology in Southern Labrador - 1980, Memorial University
of Newfoundland, 1980, by James A. Tuck

CONTACT:

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Archaeology Unit
Memorial University of Newfoundland
St. John's, Newfoundland
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ARCHAEOLOGY

Card no. 1710

PROJECT TITLE: FRENCHMAN'S ISLAND - A MULTICOMPONENT SITE IN TRINITY BAY, NEWFOUNDLAND

GEOGRAPHIC LOCATION OF PROJECT: Bull Arm, Trinity Bay, Newfoundland

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Archaeology Unit

RESEARCH CO-ORDINATOR: James A. Tuck, Memorial University of Newfoundland

RESEARCHER(S): Clifford Evans

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To investigate probable late pre-contact and contact Beothuck Indian and late Dorset Eskimo habitation sites in Trinity Bay

METHODOLOGY: Standard archaeological methodology will be employed throughout the project

FINDINGS: Preliminary excavations have revealed possible contact (c. A.D. 1650) and late pre-contact Indian occupations overlying a late (A.D. 7-800?) Dorset Eskimo occupation

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1982

REPORTS AND PUBLICATIONS: 1980 Field Report of Frenchmen's Island Project, Memorial University of Newfoundland, 1980, by Clifford O. Evans

CONTACT: James A. Tuck
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Tel.: 9709) 737-8872

ARCHAEOLOGY

Card no. 1711

PROJECT TITLE: PREHISTORY OF TERRA NOVA NATIONAL PARK

GEOGRAPHIC LOCATION OF PROJECT: Bonavista Bay, Newfoundland

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Archaeology Unit

RESEARCH CO-ORDINATOR: James A. Tuck, Memorial University of Newfoundland

RESEARCHER(S): Anna Sawicki

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate early Dorset Eskimo occupation in northeastern Newfoundland

METHODOLOGY: Standard archaeological methodology will be employed throughout the project

FINDINGS: Initial excavations have revealed a hitherto unknown early Dorset occupation in Bonavista Bay

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1982 M.A. Thesis

REPORTS AND PUBLICATIONS: 1980 Excavations in Terra Nova National Park; prepared for Parks Canada, by A. Sawicki and J. Tuck, Memorial University of Newfoundland

CONTACT: James A. Tuck
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Memorial University of Newfoundland
St. John's, Newfoundland
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Tel.: (709) 737-8872

ARCHAEOLOGY

Card no. 1712

PROJECT TITLE: L'ANSE A FLAMME - A MULTICOMPONENT SITE IN SOUTHERN NEWFOUNDLAND

GEOGRAPHIC LOCATION OF PROJECT: Bay d'Espoir, Newfoundland

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Archaeology Unit

RESEARCH CO-ORDINATOR: James A. Tuck, Memorial University of Newfoundland

RESEARCHER(S): Gerald Penney

FINANCIAL SUPPORT: Provincial Government and Native Organization

PURPOSE: To investigate recent Indian and Dorset Eskimo occupation of Newfoundland's south coast

METHODOLOGY: Standard archaeological methodology will be employed throughout the project

FINDINGS: Evidence of a middle to late Dorset occupation and a post-Dorset Indian occupation have been discovered at L'Anse a Flamme

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1981

REPORTS AND PUBLICATIONS: A Preliminary Report on the Excavation of the L'Anse à Flamme Site (Cjax-1), Memorial University of Newfoundland, December 1980, by Gerald Penney

CONTACT: James A. Tuck
Archaeology Unit
Memorial University of Newfoundland
St. John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8869

ARCHAEOLOGY

Card no. 1713

PROJECT TITLE: NORTHERN CULTURAL HERITAGE PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Stanwell-Fletcher Lake, Somerset Island, Northwest Territories

PROJECT UNDERTAKEN BY: Prince of Wales Northern Heritage Centre

RESEARCH CO-ORDINATOR: E. Bielawski and S. Cole, Prince of Wales Northern Heritage Centre

RESEARCHER(S): E. Bielawski and S. Cole

FINANCIAL SUPPORT: Government of the Northwest Territories

PURPOSE: To combine archaeological research with a scientific skills training and cultural heritage education program for Northwest Territories high school students. Research problems include: 1) study of the inland portion of the seasonal round of prehistoric Arctic occupants 2) changing cultural adaptation through time at a single location (4000 years)

METHODOLOGY: A 3-year design incorporates purposive and probabilistic sampling in the excavation of both complete habitations and 1 x 1 metre sampling units

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1982

REPORTS AND PUBLICATIONS: Heritage Education: The First Season Of the Northern Cultural Heritage Project (1979) by E. Bielawski and S. Cole. 1980 Archaeological Research and Training at Stanwell-Fletcher Lake, Somerset Island, N.W.T. by E. Bielawski and S. Cole

CONTACT: E. Bielawski and S. Cole
Prince of Wales Northern Heritage Centre
Yellowknife, Northwest Territories
Tel.: (403) 873-7551

571:312
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ARCHAEOLOGY: GEOGRAPHY

Card no.1590

PROJECT TITLE: NORTHERN YUKON RESEARCH PROGRAM

GEOGRAPHIC LOCATION OF PROJECT: Old Crow region, Northern Yukon

PROJECT UNDERTAKEN BY: University of Toronto

RESEARCH CO-ORDINATOR: William N. Irving, University of Toronto

FINANCIAL SUPPORT: Federal Government

PURPOSE: To discover and interpret evidence for Early Man in the northern Yukon. In the long run this work will lead both to an historical biogeography of the area, and to an archaeological sequence of cultures interpreted both by ethnographic analogy and in the light of environmental studies

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: On-going

CONTACT: William N. Irving
Northern Yukon Research Program
Department of Anthropology
University of Toronto
Toronto, Ontario
M5S 1A1

ARCHAEOLOGY: GEOMORPHOLOGY

Card no. 1524

PROJECT TITLE: GEOMORPHOLOGY OF THE ARCHAEOLOGICAL SITE OF NUNANIGUQ

GEOGRAPHIC LOCATION OF PROJECT: Killiniq Island

PROJECT UNDERTAKEN BY: Université du Québec à Montréal, Projet Tuvaaluk, Laboratoire d'archéologie et Université de Montréal, Département de Géographie

RESEARCH CO-ORDINATOR: Pierre Gangloff, Université de Montréal et Patrick Plumet, Université du Québec à Montréal

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To study the stability of the archaeological site of Nunaniguq

METHODOLOGY: Field-work, observation

FINDINGS: Only a small portion of the site is directly threatened. The most active process is of thermokarstic origin

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1979

REPORTS AND PUBLICATIONS: Géomorphologie du site archéologique de Nunaniguq, Ministère des Affaires culturelles, Québec, 1979, par Pierre Gangloff

CONTACT: Pierre Gangloff
Département de Géographie
Université de Montréal
Montréal, Québec
Tel.: 270-4794

ARCHAEOLOGY: HUMAN SETTLEMENT: CLIMATIC VARIATIONS:
ENVIRONMENT

Card no. 1525

PROJECT TITLE: PALAEO ENVIRONMENTS OF THE FROBISHER BAY AREA,
BAFFIN ISLAND

GEOGRAPHIC LOCATION OF PROJECT: Upper Frobisher Bay, Northwest Territories

PROJECT UNDERTAKEN BY: University of Windsor, Department of Geography

RESEARCH CO-ORDINATOR: John D. Jacobs, University of Windsor

RESEARCHER(S): Cynthia Squires, Susan K. Short

FINANCIAL SUPPORT: Federal Government

PURPOSE: To show how the existing patterns of local environmental diversity, terrestrial primary productivity, and faunal resource availability have responded during past periods of regional climatic variation, and to indicate the resulting implications for the stability and persistence of human settlement

METHODOLOGY: Selected areas are studied intensively in terms of the present local climate and vegetation. Palynological methods are used to reconstruct past environments with correlative data being obtained from the archaeological record and land use surveys

FINDINGS: Preliminary results suggest the upper Frobisher Bay area to have been a more productive resource area than previously supposed. Consequently, occupation of the area by Palaeoeskimo, Thule, and recent Inuit populations was significant, as indicated by the archaeological and historic evidence

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: On-going

CONTACT: John D. Jacobs
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University of Windsor
Windsor, Ontario
N9B 3P4
Tel.: (519) 253-4232 ext. 808/446

ARCHAEOLOGY: INUIT: ETHNOGRAPHY

Card no. 1425

PROJECT TITLE: THE ECONOMY AND SOCIAL ORGANIZATION OF NINETEENTH CENTURY COPPER INUIT

GEOGRAPHIC LOCATION OF PROJECT: Banks Island, Victoria Island, Northwest Territories

PROJECT UNDERTAKEN BY: University of Alberta, Department of Anthropology

RESEARCH CO-ORDINATOR: Clifford G. Hickey, University of Alberta

FINANCIAL SUPPORT: University, Federal and Provincial Governments

PURPOSE: To investigate changes to the traditional society of the Copper Inuit as the result of a temporary occupation of northern Banks Island in order to salvage the Royal Navy vessel H.M.S. Investigator

METHODOLOGY: Archaeological investigation of sites of this time period, ethnographic research (including study of museum collections), and archival research

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Interim Reports. Three papers read to National Anthropological and Archaeological conferences

CONTACT: Clifford G. Hickey
Department of Anthropology
University of Alberta
Edmonton, Alberta T6G 2H4
Tel.: (403) 432-2329

ARCHAEOLOGY: PARKS, NATIONAL

Card no. 1477

PROJECT TITLE: PRELIMINARY ARCHAEOLOGICAL ASSESSMENT OF NAHANNI NATIONAL PARK AND VICINITY

GEOGRAPHIC LOCATION OF PROJECT: Nahanni National Park, Northwest Territories

PROJECT UNDERTAKEN BY: Charles W. Amsden

RESEARCH CO-ORDINATOR: John D. Combes, Parks Canada, Prairie Region

RESEARCHER(S): C.W. Amsden, University of Western Australia, Department of Anthropology

FINANCIAL SUPPORT: Federal Government

PURPOSE: To assess the archaeological resources within the park for planning, management, interpretive and development purposes

METHODOLOGY: Ground and helicopter survey, test excavation, mapping, data collection, ethnographic data collection (interviews with local informants), data analysis

FINDINGS: Prehistoric and historic sites identified and tabulated

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: 1979

REPORTS AND PUBLICATIONS: A preliminary archaeological assessment of Nahanni National Park and vicinity, Stages 1 and 2. Manuscript Reports 277 and 316, Parks Canada Ottawa, 1978, 1979
Archaeological Research in Nahanni National Park, 1978. Research Bulletin 118, Parks Canada, Ottawa, 1979

CONTACT: Regional Director
Parks Canada, Prairie Region
114 Garry Street
Winnipeg, Manitoba
R3C 1G1
Attn: John D. Combes, Chief
Archaeological Research
Tel.: 949-4588

ARCHAEOLOGY: SETTLEMENT: ECOLOGY

Card no. 1514

PROJECT TITLE:

ELLESmere ISLAND RESEARCH PROJECT

GEOGRAPHIC
LOCATION OF
PROJECT:

Bache Peninsula Region, east coast of Ellesmere Island

PROJECT
UNDERTAKEN BY:

University of Calgary, Arctic Institute of North America

RESEARCH
CO-ORDINATOR:

P. Schledermann

RESEARCHER(S):

K. McCullough

FINANCIAL
SUPPORT:

Federal Government and Private Foundation

PURPOSE:

To define the culture chronological sequence and varying occupational intensity of prehistoric settlement in the area. To study the relationship of ecological and environmental changes to the variation in subsistence and settlement patterns during the past four to five thousand years of human occupation. To study the patterns of cultural developments and adaptations in the research area and to relate these to contemporary developments on a larger geographical scale

METHODOLOGY:

Extensive aerial and ground reconnaissance to establish the archaeological resources of the area followed by selective sampling and excavation

FINDINGS:

Over 60 sites relating to various stages of the Arctic Small Tool tradition plus several large Thule culture settlements; both winter and summer sites. Approximately 30 artifacts of Norse origin located within Thule culture winter dwellings

PROJECT
BEGUN:

1977

ANTICIPATED
COMPLETION:

On-going

REPORTS AND
PUBLICATIONS:

"An archaeological survey of Bache Peninsula, Ellesmere Island." Arctic 30 (4) pp. 243 -245, 1977, by P. Schledermann

"Preliminary results of archaeological investigations in the Bache
Peninsular Region, Ellesmere Island, N.W.T." Arctic 31 (4)
pp. 459 - 474, 1978, by P. Schledermann

"Polynyas and Prehistoric Settlement Patterns." Arctic 33 (2)
pp. 292 - 302, 1980, by P. Schledermann

CONTACT:

Peter Schledermann
Arctic Institute of North America
University of Calgary
2500 University Drive North West
Calgary, Alberta
T2N 1N4
Tel.: (403) 284-3388

ARCHAEOLOGY: WHALES

Card no. 1549

PROJECT TITLE: STUDY OF ARCHAEOLOGICAL WHALE BONE FOR THE RECONSTRUCTION OF EARLY CANADIAN ARCTIC BOWHEAD WHALE STOCKS

GEOGRAPHIC LOCATION OF PROJECT: Somerset Island, Northwest Territories

PROJECT UNDERTAKEN BY: University of Arkansas

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Pat McCartney, University of Arkansas

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study archaeological whale bones for the reconstruction of Canadian Arctic Bowhead Whale stocks and whale use by Prehistoric Inuit

METHODOLOGY: Measurement of whale bones and other relevant osteological observations; analysis of collected data using computer-derived regression analysis

PROJECT BEGUN: April 1979

ANTICIPATED COMPLETION: August 1980

REPORTS AND PUBLICATIONS: Study of Archaeological Whale Bones for the Reconstruction of Canadian Arctic Bowhead Whale Stocks and Whale Use by Prehistoric Inuit, by A.P. McCartney, August 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

ARCHAEOLOGY: WILDLIFE

Card no. 1704

PROJECT TITLE: OTTAWA ISLANDS ARCHAEOLOGICAL, NATURAL AND WILDLIFE SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Central East Hudson Bay

PROJECT UNDERTAKEN BY: Makivik Corporation, Research Department

RESEARCH CO-ORDINATOR: Daniel Weetaluktuk, Makivik Corporation

RESEARCHER(S): Dave Murray, Jimmy Kasudluak, Erik Val and Eli Weetaluktuk

FINANCIAL SUPPORT: Native Association

PURPOSE: To conduct archaeological, natural and wildlife presence survey on the Ottawa Islands. The Ottawa Islands are known by eastern Hudson Bay Inuit as Arviliet, roughly translated as "place of large whales"

METHODOLOGY: From aerial photographs of 1:60,000 scale the following was done: Quick spot checks on the most promising areas for archaeological sites; cruise around most of the island chain for bird and marine mammal life in the immediate offshore area. General notes and photographs were taken during this brief visit

FINDINGS: Ringed seals, mergansers, guillemots were seen throughout the islands. No polar bears were seen, but their footprints were noted as being a few weeks old. There were more Thule sites than Dorset on the islands

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Daniel Weetaluktuk
Research Department
Makivik Corporation
Inoucdjouac, Quebec
J0M 1M0
Tel.: (819) 254-8878

ART: INUIT

Card no. 1674

PROJECT TITLE: INUIT ART SLIDE LIBRARY

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories and Arctic Quebec

PROJECT UNDERTAKEN BY: Deborah Kennedy-Smith

RESEARCH CO-ORDINATOR: Viviane Gray, Inuit Art Section, Department of Indian and Northern Affairs

RESEARCHER(S): Deborah Kennedy-Smith

FINANCIAL SUPPORT: Federal Government

PURPOSE: To provide slides of Inuit artworks to researchers, lecturers as well as for use in publications (with permission from artists)

METHODOLOGY: Acquisition of slides through original photography. Slides labelled with information in English and French. Material stored in slide cabinets for easy access

PROJECT BEGUN: November 1979

ANTICIPATED COMPLETION: On-going

CONTACT: Viviane Gray
Research and Documentation Co-ordinator
Inuit Art Section
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9440

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ART: INUIT

Card no. 1675

PROJECT TITLE: INUIT ART - ARTIST'S BIOGRAPHIES

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories and Arctic Quebec

PROJECT UNDERTAKEN BY: Diana Borso

RESEARCH CO-ORDINATOR: Viviane Gray, Inuit Art Section, Department of Indian and Northern Affairs

RESEARCHER(S): Diana Borso

FINANCIAL SUPPORT: Federal Government

PURPOSE: To develop and maintain a central research and documentation centre on materials related to Inuit art and artists

METHODOLOGY:

- A) Compiling and sorting of existing documentation
- B) Interviews with individual artists
- C) Combining A & B for artists profiles

PROJECT BEGUN: November 1979

ANTICIPATED COMPLETION: On-going

CONTACT:

Viviane Gray
Research and Documentation co-ordinator
Inuit Art Section
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9440

ART: INUIT: RADIO PROGRAMMES

Card no. 1673

PROJECT TITLE: EDUCATIONAL RADIO BROADCASTS ON INUIT ART

GEOGRAPHIC LOCATION OF PROJECT: Cape Dorset and Baker Lake, Northwest Territories

PROJECT UNDERTAKEN BY: Canadian Broadcasting Corporation and Department of Education, Northwest Territories

RESEARCH CO-ORDINATOR: Helga Goetz, Inuit Art Section, Department of Indian and Northern Affairs

RESEARCHER(S): Marion Jackson, University of Michigan

FINANCIAL SUPPORT: Federal Government and Territorial Government

PURPOSE: To prepare educational radio broadcasts on Inuit art

METHODOLOGY:

- 1) Personal interviews (taped)
- 2) Script writing
- 3) Taping of broadcasts

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: May 1981

CONTACT:

H. Goetz
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ART, NATIVE PEOPLE

Card no. 1451

PROJECT TITLE: CAPE DORSET GRAPHIC ARTISTS

GEOGRAPHIC LOCATION OF PROJECT: Cape Dorset, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Dorothy Eber, Montreal, Quebec

FINANCIAL SUPPORT: Federal Government

PURPOSE: Phase I - to record on tapes interviews with Cape Dorset graphic artists or, in some cases, the surviving relatives of these artists and to prepare a kinship chart clarifying the relationships among these artists. Phase II - to collect additional information (disc numbers, name variations, dates, etc.) pertaining to kinship relationships among Cape Dorset graphic artists

PROJECT BEGUN: Phase I - June 1979
Phase II - July 1980

ANTICIPATED COMPLETION: Phase I - December 1979
Phase II - July 1980

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

BEARS, POLAR: SEALS: ECOLOGY

Card no. 1471

PROJECT TITLE: THE BIOLOGY OF POLAR BEARS, SEALS, AND POLYNYAS IN THE CANADIAN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Canadian Arctic

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service, and University of Alberta, Zoology Department

RESEARCH CO-ORDINATOR: I. Stirling, Environment Canada, Canadian Wildlife Service

RESEARCHER(S): D. Andriashek, W. Calvert, M. Kingsley, P. Latour, M. Ramsay, H. Cleaton

FINANCIAL SUPPORT: Federal Government, Industry and Private Foundation

PURPOSE: To study the ecology, behaviour and population dynamics of polar bears in relation to the distribution and abundance of seals and sea ice. Special consideration to be given to polynya areas

METHODOLOGY: Aerial surveys, mark and recapture, computer modelling, observation

PROJECT BEGUN: 1971

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Population ecology studies of the polar bear in northern Labrador. Canadian Wildlife Service, Occasional Paper 42, 1980, by Ian Sterling and H.P.L. Kiliaan
"The Biological Importance of Polynyas in the Canadian Arctic." Arctic, vol. 33, no. 2, pp. 303-315, 1980, by Ian Sterling

CONTACT:
I. Stirling
Canadian Wildlife Service
Environment Canada
5320 - 122 Street
Edmonton, Alberta
T6H 3S5
Tel.: (403) 435-7349

BIBLIOGRAPHY: ECOLOGY

Card no. 1653

PROJECT TITLE: ECOLOGY OF THE CANADIAN ARCTIC ARCHIPELAGO:
SELECTED REFERENCES. VOLUME 9

GEOGRAPHIC LOCATION OF PROJECT: Canadian Arctic Archipelago

PROJECT UNDERTAKEN BY: Western Ecological Services, Sydney, British Columbia

RESEARCH CO-ORDINATOR: D.M. Barnett, A/Chief
Environmental Studies Division
Department of Indian and Northern Affairs

RESEARCHER(S): N. Merle Peterson, Western Ecological Services

FINANCIAL SUPPORT: Federal Government

PURPOSE: To provide a selected bibliography with detailed annotations of current literature relating to the ecology (terrestrial, freshwater and marine) of the Canadian Arctic Archipelago and to provide indexes to this information by subject and geographic categories and by geographic co-ordinates

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: April 1981

REPORTS AND PUBLICATIONS: Vols. 1-8, Ecology of the Canadian Arctic Archipelago: Selected references, are available from D.M. Barnett

CONTACT: D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

BIRD MIGRATION

Card no. 1466

PROJECT TITLE: STUDIES IN BIRD MIGRATION

GEOGRAPHIC LOCATION OF PROJECT: Fort Churchill, Manitoba

PROJECT UNDERTAKEN BY: University of Guelph, Department of Zoology

RESEARCH CO-ORDINATOR: J.C. George, University of Guelph

RESEARCHER(S): T.M. John

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study seasonal physiological changes in the Canada Goose, the influence of the environmental factors on breeding, moult and migration, and neuroendocrine regulation and initiation of migration

METHODOLOGY: Field observations, histological and ultrastructural, and biochemical studies

PROJECT BEGUN: 1972

ANTICIPATED COMPLETION: On-going

CONTACT: Professor J.C. George
Department of Zoology
University of Guelph
Guelph, Ontario
N1G 2W1
Tel.: (519) 824-4120, Ext. 3479

BIRDS: MIGRATION

Card no. 1507

PROJECT TITLE: BIRD DISTRIBUTION IN CANADA

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: National Museum of Natural Sciences, Vertebrate Zoology Division

RESEARCH CO-ORDINATOR: Henri Ouellet, National Museum of Natural Sciences, Vertebrate Zoology Division

RESEARCHER(S): Henri Ouellet

FINANCIAL SUPPORT: Federal Government

PURPOSE: To obtain a better understanding of the bird fauna of Canada and a precise outline of the range of all the species recorded in Canada

METHODOLOGY: Field investigations, literature search, laboratory studies, and analyses

FINDINGS: Bird ranges are refined every year as a result of field investigations and results are published in journals, etc.

ANTICIPATED COMPLETION: On-going

CONTACT:
Henri Ouellet
Vertebrate Zoology Division
National Museum of Natural Sciences
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 998-4141

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BUILDING CONSTRUCTION: RESEARCH

Card no. 1647

PROJECT TITLE: SURVEY OF PRESENT BUILDING TECHNIQUES

GEOGRAPHIC LOCATION OF PROJECT: Frobisher Bay, Pangnirtung, Pond Inlet, Resolute Bay and Grise Fiord, Northwest Territories

PROJECT UNDERTAKEN BY: Concordia University

RESEARCH CO-ORDINATOR: Don Schaap

RESEARCHER(S): Don Schaap and B. Evanshen

FINANCIAL SUPPORT: University

PURPOSE: To conduct a multi year survey of present building techniques, building problems with recommendations for future building techniques. The study will include:

- 1) feasibility of solar and wind power;
- 2) community layouts;
- 3) building material inventory; and
- 4) building maintenance

PROJECT BEGUN: July 1980

CONTACT: Don Schaap
#413, 4605-106A Street
Edmonton, Alberta
T6H 5H1

CARIBOU: BEHAVIOUR

Card no. 1685

PROJECT TITLE: THE ECOLOGICAL RELATION OF MIGRATORY BARREN-GROUND CARIBOU TO, AND THEIR BEHAVIOUR ON, THE BEVERLY CALVING GROUND, NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: District of Keewatin, Northwest Territories

PROJECT UNDERTAKEN BY: Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service

RESEARCH CO-ORDINATOR: A. Gunn, Government of the Northwest Territories

RESEARCHER(S): F.L. Miller and A. Gunn

FINANCIAL SUPPORT: Territorial Government and Federal Government

PURPOSE: To evaluate the Caribou Protection Measures that were enacted to separate activities of exploration companies and barren-ground caribou on calving and post-calving areas. We need to understand how and, if possible, why caribou use traditional calving grounds. Implicit in the collection of those data is the development and design of sampling methodology that will allow quantified, objective descriptions of ecological relations and behaviour of caribou

METHODOLOGY: Snow melt characteristics from Landsat imagery, snow depth at established sites and plant phenology will be described relative to range use (from direct observations and analysis of vegetative fragments in fecal pellets). Daily activity patterns with emphasis on cow-calf pairs will be recorded

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1983

CONTACT: Anne Gunn
Wildlife Service
Department of Renewable Resources
Government of the Northwest Territories
Yellowknife, Northwest Territories
Tel.: (403) 874-7760

CARIBOU: ENVIRONMENT

Card no. 1504

PROJECT TITLE: PORCUPINE CARIBOU RESEARCH

GEOGRAPHIC LOCATION OF PROJECT: Northern Yukon

PROJECT UNDERTAKEN BY: Government of Yukon, Wildlife Branch

RESEARCH CO-ORDINATOR: Manfred Hoefs, Government of Yukon and Valerie Hume, Department of Indian and Northern Affairs

RESEARCHER(S): Don Russell

FINANCIAL SUPPORT: Territorial Government, Federal Government and Industry

PURPOSE: To study the annual productivity, population size, harvest and movement routes of the Porcupine caribou herd. To address the effects of the Dempster Highway on wintering and migrating animals

METHODOLOGY: Aerial surveys, composition counts, field camps, radio telemetry

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: 1982

CONTACT: Don Russell
Wildlife Branch
Yukon Territory
Government
Box 2703
Whitehorse, Yukon
Y1A 2C6
Tel.: 667-5671

or

Valerie Hume, Head
Physical Planning Section
Northern Roads and Airstrips Division
Northern Economic Planning Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0033

CARIBOU: HABITAT

Card no. 1496

PROJECT TITLE: IN VITRO DIGESTIBILITIES OF PLANTS IN RUMEN FLUIDS OF PEARY CARIBOU

GEOGRAPHIC LOCATION OF PROJECT: Prince of Wales Island and Resolute Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Branch

RESEARCHER(S): Dr. D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- 1) To assess the relative digestibilities of plants eaten by Peary caribou in summer and winter
- 2) To assess the rate at which plant species are digested
- 3) To assess interaction among plant species during their digestion
- 4) To gain knowledge which will assist in the identification of the important habitats of Peary caribou

METHODOLOGY: Fermentation of ground and dried plants with the rumen fluids of Peary caribou in test tubes under controlled laboratory conditions

FINDINGS: The flowers of many plants, the green parts of grasses and sedges, and lichens were highly digestible. Mosses were poorly and slowly digested

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: In vitro digestibilities of plants in rumen fluids of Peary caribou.
Canadian Wildlife Service internal report, 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

CARIBOU: HABITAT

Card no. 1499

PROJECT TITLE:

WINTER DIETS AND HABITAT SELECTION OF PEARY CARIBOU
IN ARCTIC CANADA

GEOGRAPHIC
LOCATION OF
PROJECT:

Western Queen Elizabeth Islands, Somerset Island, Prince of Wales
Island and Boothia Peninsula, Northwest Territories

PROJECT
UNDERTAKEN BY:

Environment Canada, Canadian Wildlife Service

RESEARCH
CO-ORDINATOR:

Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and
Interpretation Division

RESEARCHER(S):

D.C. Thomas

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

- To assess the variability in the winter diets of Peary caribou in relation to geographic variability in flora and in winter climate
- To establish the relationship between diets and fat reserves in late winter
- To investigate the relationships among winter diet, population fluctuations, and fertility
- To describe the habitats used by Peary caribou in relation to snow conditions

METHODOLOGY:

Rumen samples were collected over a six year period, 1974 - 1979, from 216 caribou located on the western Queen Elizabeth Islands, Somerset Island, Prince of Wales Island and Boothia Peninsula. The percentage composition of plants in each sample was estimated visually by a botanist familiar with Arctic plants

FINDINGS:

Variations in the diets were large among islands and among sites within islands; among year differences were smaller. Willow, grasses and sedges, *Saxi fraga oppositifolia*, lichens, and mosses were the chief winter foods. Peary caribou are catholic, opportunistic feeders in winter. They exploit poorly vegetated sites where a sparse cover of vegetation is accessible because of shallow snow

PROJECT
BEGUN:

1974

ANTICIPATED
COMPLETION:

1980

CONTACT:

D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

CARIBOU: HABITAT

Card no. 1502

PROJECT TITLE: IN VITRO DIGESTIBILITIES OF FORAGES IN RUMINAL FLUIDS OF BARREN-GROUND CARIBOU

GEOGRAPHIC LOCATION OF PROJECT: Southern Northwest Territories (Beverly herd), and Northern Saskatchewan

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To assess the relative digestibilities of forages utilized by barren-ground caribou on their winter range
- To assess the in vitro rate of digestion of the forages
- To assess the effect of adding a nitrogen source on the digestibilities obtained in vitro

METHODOLOGY:

- Plants were collected at the feeding sites of caribou in the southern NWT and northern Saskatchewan
- Dried plant samples were fermented for various intervals in test tubes with ruminal fluids obtained from two groups of caribou shot in the winter ranges

FINDINGS: The in vitro digestibility of lichens increased as the fermentation interval was increased from 30 to 120 hours. The digestion of all the non-lichen species was essentially complete after 60 hours of fermentation. The addition of urea to the tubes caused a marked increase in the digestibility of both lichen species tested but it lowered the digestibilities of some other species

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1981

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:574.9
(*464)

CARIBOU: MIGRATION

Card no. 1444

PROJECT TITLE: SPRINGTIME INTER-ISLAND MOVEMENTS OF PEARY CARIBOU IN THE SOMERSET ISLAND-PRINCE OF WALES ISLAND-BOOTHIA PENINSULA COMPLEX

GEOGRAPHIC LOCATION OF PROJECT: Canadian Arctic Archipelago

RESEARCH CO-ORDINATOR: Frank L. Miller, Environment Canada

RESEARCHER(S): Frank L. Miller

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine if Peary caribou do make annual seasonal migratory movements between Somerset Island, Prince of Wales Island and the Boothia Peninsula, so that their population status will be better known on a spatial basis. Knowledge of the home ranges of a population is necessary for carrying out inventory surveys of their numbers at any season of the year

METHODOLOGY: Aerial searches of the coastal areas and the sea ice adjacent to and connecting those areas. Also, snowmobile searches of coastal sea ice areas. Searches were made during May-July of 1977-80

FINDINGS: Our findings suggest that Peary Caribou make springtime migrations mostly from Somerset Island and, at least, the northwestern portion of the Boothia Peninsula to Prince of Wales Island

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: Inter-island movements of Peary caribou south of Viscount Melville Sound and Barrow Strait, Northwest Territories. Canadian Wildlife Service Unpb. Rep CWSC 2760 by F.L. Miller and A. Gunn, May-July 1978

Inter-island movements of Peary caribou in the Prince of Wales
Island-Somerset Island-Boothia Peninsula complex, Northwest
Territories. Canadian Wildlife Service Prog. Note No. 107 by
F.L. Miller and H. Kiliaan, 1980

CONTACT:

F.L. Miller
Canadian Wildlife Service
Western and Northern Region
Environment Canada
1000, 9942-108 Street
Edmonton, Alberta
T5K 2J5
Tel.: (403) 435-7246

599.735.3:591.543.4
(*440)

CARIBOU: MIGRATION

Card no. 1497

PROJECT TITLE: GEOGRAPHIC VARIATION IN PEARY CARIBOU IN ARCTIC CANADA

GEOGRAPHIC LOCATION OF PROJECT: Western Queen Elizabeth Islands, Somerset Island, Prince of Wales Island and Boothia Peninsula, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. George Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To assess morphological variation in Peary caribou
- To comment on the taxonomic status of caribou in the Arctic Islands and on Boothia Peninsula
- To identify populations and subpopulations of Peary caribou

METHODOLOGY:

- Analyses of measurements of body size, leg bones and skulls
- Analyses of the pelage tone
- Multivariate and other statistical methods

FINDINGS: Peary caribou occur on the islands investigated. Barren-ground caribou and intergrades occur on Boothia Peninsula. The intergrades migrate to Prince of Wales Island in the summer. Several populations and subpopulations were identified

PROJECT BEGUN: 1974

ANTICIPATED COMPLETION: 1980

CONTACT:
D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:591.543.4
(*464)

CARIBOU: MIGRATION

Card no. 1500

PROJECT TITLE: STATUS OF PEARY CARIBOU ON THE WESTERN QUEEN ELIZABETH ISLANDS IN APRIL 1980

GEOGRAPHIC LOCATION OF PROJECT: Western Queen Elizabeth Islands, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To monitor changes in the numbers and distribution of Peary caribou in the region
- To ascertain whether the population had begun to recover from the sharp decline which started in the early 1960s and continued until at least 1977

METHODOLOGY:

- Reconnaissance surveys of Bathurst, Byam Martin, Melville, Eglinton and Prince Patrick islands during April 1980
- Survey effort was concentrated over known wintering areas
- Analysis of existing data on population parameters

FINDINGS: There was no evidence that the caribou on the western Queen Elizabeth Islands had begun to recover from the extremely low productivity of 1970 - 1977. Only 10 adults were seen and there was almost no sign of caribou on the traditional winter ranges. The 1980 population of adult Peary caribou on those islands is estimated to number 634

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1980

CONTACT: D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

599.735.3:591.543.4
(*430)

CARIBOU: MIGRATION

Card no. 1526

PROJECT TITLE: BONNET PLUME CARIBOU INVENTORY

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: Government of Yukon Territory, Game Branch

RESEARCH CO-ORDINATOR: Don Russell, Government of the Yukon Territory

FINANCIAL SUPPORT: Territorial Government and Industry

PURPOSE: To document herd populations and migration behaviour in the Bonnet Plume Basin

METHODOLOGY: Aerial reconnaissance and tagging

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: 1981

CONTACT: Dr. W.J. Stephen
Pan Ocean Oil Ltd.
Box 2533, Station "M"
Calgary, Alberta
T2P 2M7

599.735.3:
591.543.4
(*464.8)

CARIBOU: MIGRATION

Card no. 1684

PROJECT TITLE: EXPERIMENTAL USE OF AERIAL PHOTOGRAPHY FOR CENSUSING BARREN-GROUND CARIBOU

GEOGRAPHIC LOCATION OF PROJECT: Bathurst caribou herd calving ground

PROJECT UNDERTAKEN BY: Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service

RESEARCH CO-ORDINATOR: B. Stephenson, Government of the Northwest Territories

RESEARCHER(S): D. Heard

FINANCIAL SUPPORT: Territorial Government

PURPOSE: To determine the efficacy of using aerial photography for censusing caribou on calving grounds

METHODOLOGY: Aerial stereo photographs were taken at a scale of 1:6000 on black and white 9X9 inch Plus-X. aerographic film. Counts (not completed) were made from contact prints at 4x magnification

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1981

CONTACT:
D. Heard
Wildlife Service
Department of Renewable Resources
Government of the Northwest Territories
Yellowknife, Northwest Territories
X1A 2L9
Tel.: (403) 873-7775

599.735.3:
591.543.4
(*450)

CARIBOU: MIGRATION

Card no. 1686

PROJECT TITLE: BEHAVIOUR OF MIGRATORY BARREN-GROUND CARIBOU AT CROSSING SITES ON THE THELON RIVER SYSTEM, NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Thelon River System, District of Keewatin, Northwest Territories

PROJECT UNDERTAKEN BY: Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service

RESEARCH CO-ORDINATOR: A. Gunn, Government of the Northwest Territories

RESEARCHER(S): F.L. Miller and A. Gunn

FINANCIAL SUPPORT: Territorial Government and Federal Government

PURPOSE: To evaluate the Caribou Protection Measures that were enacted to separate activities of exploration companies and barren-ground caribou at traditional water-crossing sites. To understand how, and if possible, why caribou use such traditional areas. Implicit in the collection of those data is the development and design of sampling methods to allow quantified objective descriptions of caribou behaviour at those sites

METHODOLOGY: Caribou behaviour will be described at water-crossings by direct observation and use of Super-8 films. The observers will be 2-person teams placed by boat or aircraft before the caribou approach. Caribou use of ice-crossings during spring migration will be compared to use of open-water crossing sites

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1983

CONTACT: Anne Gunn
Wildlife Service
Department of Renewable
Resources
Yellowknife,
Northwest Territories
X1A 2L9
Tel.: (403) 873-7760 or F.L. Miller
Research Scientist
Canadian Wildlife Service
1000-9942-108th Street
Edmonton, Alberta
T5K 3J5

599.735.3:
591.543.4
(*440)

CARIBOU: MIGRATION

Card no. 1687

PROJECT TITLE: AN INVESTIGATION OF SOME POTENTIAL EFFECTS OF ROADS ON BARREN-GROUND CARIBOU IN THE NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Gordon Lake winter road, north of Yellowknife, Northwest Territories

PROJECT UNDERTAKEN BY: Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service

RESEARCH CO-ORDINATOR: Anne Gunn, Government of the Northwest Territories

RESEARCHER(S): F.L. Miller and K. Jingfors

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To obtain baseline data on the effects of road traffic and road related activities on caribou, it will be necessary to make detailed observations on the distributions of caribou wintering in the vicinity of the road and evaluate suitable techniques

METHODOLOGY: Techniques will be fixed-wing and helicopter survey of replicated blocks and ground survey by snowmobile

PROJECT BEGUN: 1981

ANTICIPATED COMPLETION: 1981

CONTACT: K. Jingfors
Wildlife Service
Department of Renewable
Resources
Government of the Northwest
Territories
Yellowknife, Northwest Territories
X1A 2L9 or F.L. Miller
Research Scientist
Canadian Wildlife Service
1000 - 9942 - 108th Street
Edmonton, Alberta
T5K 2J5

CARIBOU: REPRODUCTION

Card no. 1498

PROJECT TITLE:

RELATIONSHIP BETWEEN PREGNANCY INCIDENCES AND
FAT RESERVES OF PEARY CARIBOU IN ARCTIC CANADA

GEOGRAPHIC
LOCATION OF
PROJECT:

Western Queen Elizabeth Islands, Somerset Island, Prince of Wales
Island and Boothia Peninsula, Northwest Territories

PROJECT
UNDERTAKEN BY:

Environment Canada, Canadian Wildlife Service

RESEARCH
CO-ORDINATOR:

Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and
Interpretation Division

RESEARCHER(S):

D.C. Thomas

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

To establish the relationship between pregnancy incidences and
the level of fat reserves

METHODOLOGY:

- Collection of samples from caribou shot by native hunters
each March - April 1974 - 1977
- Measurement of fat reserves in the marrow, internally and
subcutaneously

FINDINGS:

A very close relationship existed between age-specific pregnancy
incidences and the levels of fat in March - April. Caribou with
poor stores of fat ceased to reproduce whereas all the females
with excellent fat reserves were pregnant

PROJECT
BEGUN:

1974

ANTICIPATED
COMPLETION:

1980

CONTACT:

D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

PROJECT TITLE: SPRINGTIME SNOW-ICE CONDITIONS AND THEIR RELATIONS TO SPRINGTIME FEEDING STRATEGY OF PEARY CARIBOU

GEOGRAPHIC LOCATION OF PROJECT: Somerset Island and Prince of Wales Island, Canadian Arctic Archipelago

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Frank L. Miller, Canadian Wildlife Service

RESEARCHER(S): Frank L. Miller

FINANCIAL SUPPORT: Federal Government

PURPOSE: To gain insight into how Peary caribou cope with prevailing spring snow and ice conditions on their ranges. To further evaluate the environmental stress imposed by springtime ground fast icing on foraging sites, especially during calving and shortly thereafter, in some years, during the early stages of lactation by maternal cows. The information will allow a better understanding of the observed variations in the success of calf crops; and in some years, marked increases in adult mortality or failure of mature cows to breed or produce viable young in subsequent years

METHODOLOGY: Direct observation of feeding caribou; marking springtime feeding craters and/or feeding areas on bare ground; measuring snow cover; and accumulation of ground fast ice at the snow cover-ground surface interface

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: 1980

CONTACT: Frank L. Miller
Canadian Wildlife Service
Western and Northern Region
Environment Canada
1000, 9942-108 Street
Edmonton, Alberta T5K 2J5
Tel.: (403) 435-7246

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no 1615

PROJECT TITLE: PHYSIOLOGICAL ASSESSMENT OF MAN'S PERFORMANCE
IN COLD ENVIRONMENTS

GEOGRAPHIC
LOCATION OF
PROJECT: Canada North of 60°

PROJECT
UNDERTAKEN BY: Department of National Defence

RESEARCHER(S): C.L. Allen Defence and Civil Institute of Environmental Medicine

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To detect and measure physiological changes in man exposed to
cold environments

PROJECT
BEGUN: 1950

ANTICIPATED
COMPLETION: On-going

CONTACT: C.L. Allen
Defence and Civil Institute
of Environmental Medicine
P.O. Box 2000
Downsview, Ontario
M3M 3B9

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no. 1617

PROJECT TITLE: HEAT FLOW IN AN ARCTIC TENT

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60°

PROJECT UNDERTAKEN BY: Department of National Defence

RESEARCH CO-ORDINATOR: L.D. Reed, Environmental Protection Section, Department of National Defence

RESEARCHER(S): B. Farnworth and R.J. Osczevski

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine the heat flow mechanisms which operate inside heated Arctic Tentage in order to gain information relevant to the design of new tentage with improved thermal efficiency

METHODOLOGY: Controlled laboratory measurement of internal temperature, ventilation requirements of different tentage, computer analysis, design of tentage to optimize parameters

FINDINGS: False ceilings, floor (input) ventilation, liner material, tent shapes, types of heaters, external environment, etc. contribute to observed heat flow in a given tent

PROJECT BEGUN: January 1977

ANTICIPATED COMPLETION: 1982

CONTACT: L.D. Reed
Environmental Protection Section
Defence Research Establishment
Ottawa, Ontario
Tel.: (613) 596-9289

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no. 1618

PROJECT TITLE: PHYSICAL PROTECTION AGAINST NATURAL ENVIRONMENTS:
COLD-WEATHER PROTECTIVE CLOTHING

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60°

PROJECT UNDERTAKEN BY: Department of National Defence

RESEARCH CO-ORDINATOR: L.R. Reed

RESEARCHER(S): R.J. Osczevski

FINANCIAL SUPPORT: Federal Government

PURPOSE: To design a light-weight clothing system which will provide a higher level of protection against Arctic climate during sedentary activities as compared to the standard Canadian Forces clothing system. In addition the new system will more readily permit variation of thermal insulation in response to changes in temperature or work rate

METHODOLOGY: Computer modeling of clothing design parameters, design and construction of prototypes, laboratory testing (cold chamber), field evaluations

FINDINGS: A system incorporating a face protector, insulated trousers and a two light-weight parka system using new insulating materials has promise

PROJECT BEGUN: January 1978

ANTICIPATED COMPLETION: 1982

CONTACT: L.D. Reed
Environmental Protection Section
Defence Research Establishment
Ottawa, Ontario
Tel.: (819) 596-9289

612.592
(*41N)

COLD CLIMATE: ADAPTATION

Card no. 1619

PROJECT TITLE: COLD INJURY

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60°

PROJECT UNDERTAKEN BY: Department of National Defence

RESEARCH CO-ORDINATOR: L.A. Kuehn, Defence and Civil Institute of Environmental Medicine

RESEARCHER(S): J. Frim

FINANCIAL SUPPORT: Federal Government

PURPOSE: To improve understanding of the etiology and treatment of frostbite

METHODOLOGY: A literature survey will be carried out to assess the current state of knowledge regarding the cause and treatment of frostbite

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: On-going

CONTACT:
J. Frim
Defence and Civil Institute of
Environmental Medicine
Department of National Defence
P.O. Box 2000
Downsview, Ontario
M3M 3B9

711.4
(*427)

COMMUNITY PLANNING

Card no. 1440

PROJECT TITLE: BEAUVAL COMMUNITY PLANNING STUDY

GEOGRAPHIC LOCATION OF PROJECT: Beauval, Northern Saskatchewan

PROJECT UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCH CO-ORDINATOR: Robert Bone, University of Saskatchewan

RESEARCHER(S): Laurent Mugeot and Merv Hey

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To develop a town plan for Beauval Community

METHODOLOGY: A program of mapping the present land use was the first step. Then a series of interviews and public meetings provided an idea of the perceived needs. Against this background, the performance of neighbour communities was considered. Finally a development plan was developed in conjunction with the local council

FINDINGS: A ten-year development plan for the community of Beauval

PROJECT BEGUN: November 1978

ANTICIPATED COMPLETION: Completed

CONTACT: Robert M. Bone
Institute for Northern Studies
University of Saskatchewan
Saskatoon, Saskatchewan
S7N 0W0
Tel.: (306) 343-4316

711 4
(*41 N)

COMMUNITY PLANNING

Card no. 1692

PROJECT TITLE: AN INTEGRATED DESIGN APPROACH TO SETTLEMENT PLANNING IN THE ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: University of Edinburgh, School of the Built Environment, Department of Architecture

RESEARCH CO-ORDINATOR: L.R. Zrudlo

FINANCIAL SUPPORT: Federal Government

PURPOSE: To formulate a planning model for the design of Arctic settlements

METHODOLOGY: Analysis of existing and historical precedents in Arctic housing and settlements. Formulation of a planning model testing the model with a hypothetical case study

PROJECT BEGUN: September 1976

ANTICIPATED COMPLETION: September 1981

CONTACT:
University of Edinburgh
School of the Built Environment
Department of Architecture
22 Chambers Street
Edinburgh Scotland
United Kingdom
EH1 1JZ

COMMUNITY PLANNING

Card no. 1694

PROJECT TITLE: INUVIK GENERAL DEVELOPMENT PLAN REVIEW AND PREPARATION OF GENERAL PLAN AND ZONING BY-LAWS

GEOGRAPHIC LOCATION OF PROJECT: Inuvik, Northwest Territories

PROJECT UNDERTAKEN BY: Underwood McLellan Ltd.

RESEARCH CO-ORDINATOR: H.J. Gerein, Underwood McLellan Ltd.

RESEARCHER(S): H.K. Kang and B.C. Grieco

FINANCIAL SUPPORT: Town of Inuvik

PURPOSE: To review Inuvik general development plan and prepare general plan and zoning by-laws

METHODOLOGY:

- (a) problem definition
- (b) inventory and analysis
 - population, vegetation, regional factors, existing land use, transportation
- (c) alternate designs and evaluation
- (d) recommended solution
- (e) preparation of implementation by-laws, five year capital works program

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: June 1981

CONTACT:

H.J. Gerein,
Senior Planner
Underwood McLellan Ltd.
17007 - 107th Avenue
Edmonton, Alberta
T5S 1G3
Tel.: 483-7722

CONFERENCE: HOUSING PROGRAMS

Card no. 1480

PROJECT TITLE: WESTERN ARCTIC HOUSING CONFERENCE PROPOSAL FOR THE NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Northwest Territories Housing Corporation

RESEARCH CO-ORDINATOR: K. Ganong

RESEARCHER(S): G. Forrest

FINANCIAL SUPPORT: Federal Government

PURPOSE: To promote better understanding of housing programs and to develop consistent guidelines and procedures for program delivery for many people in the Northwest Territories who are unaware or misinformed as to the role of Central Mortgage and Housing Corporation and Northwest Territories Housing Corporation. The conference was held December 4 - 8, 1978 in Hay River

METHODOLOGY: Conference

ANTICIPATED COMPLETION: September 1979

REPORTS AND PUBLICATIONS: Western Arctic and Mackenzie Housing Conference, Hay River, NWT, 1978. Northwest Territories Housing Corporation, 1979

CONTACT: Northwest Territories Housing Corporation
P.O. Box 2100
Yellowknife, Northwest Territories
X1A 2P6

061.3:333.32
(*440)

CONFERENCE: HOUSING PROGRAMS

Card no. 1481

PROJECT TITLE: ARCTIC AND KEEWATIN HOUSING CONFERENCES

GEOGRAPHIC LOCATION OF PROJECT: Central Arctic, Keewatin Regions

PROJECT UNDERTAKEN BY: Northwest Territories Housing Corporation

RESEARCH CO-ORDINATOR: E. Schnitzler

RESEARCHER(S): G. Forrest

FINANCIAL SUPPORT: Federal Government

PURPOSE: To create a climate for exchange of information, a working knowledge of existing housing programs and their benefit to communities, to avoid duplication between Northwest Territories Housing Corporation and other housing associations. To utilize energy and finds of other organizations. To ensure participants administer program designed for their use

METHODOLOGY: Conference

ANTICIPATED COMPLETION: June 1980

REPORTS AND PUBLICATIONS: Keewatin Housing Conference, Rankin Inlet, N.W.T., 1979, Central Arctic Housing Conference, Cambridge Bay, N.W.T., 1979.
Northwest Territories Housing Corporation, 1980

CONTACT: Northwest Territories Housing Corporation
P.O. Box 2100
Yellowknife, Northwest Territories
X1A 2P6

COOPERATIVES: FISHING INDUSTRY: RESOURCE MANAGEMENT

Card no. 1517

<u>PROJECT TITLE:</u>	RESOURCES MANAGEMENT, SOCIO-ECONOMIC DEVELOPMENT, AND THE PACIFIC NORTH COAST NATIVE COOPERATIVE: A CASE STUDY
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Port Simpson, Prince Rupert, Victoria, Vancouver, Kincolith and Ahousat, British Columbia
<u>PROJECT UNDERTAKEN BY:</u>	University of Waterloo, Geography Department
<u>RESEARCHER(S):</u>	Dianne Draper, University of Waterloo
<u>FINANCIAL SUPPORT:</u>	Federal Government
<u>PURPOSE:</u>	To provide a history of the Cooperative organization, development and operation as a socio-economic change program. To evaluate the outcomes of the Pacific North Coast Native Cooperative Indian Fishing cannery at Port Simpson, British Columbia. To consider the implications of the Port Simpson project for British Columbia fishery management and resources management research
<u>METHODOLOGY:</u>	Consultation of federal and provincial government documents and interviews with government politicians and officials, Indian Directors of the Cooperatives, Indian fishermen and shoreworkers and industry representatives
<u>FINDINGS:</u>	The major implications of this research include the need for (a) a comprehensive, coordinated federal-provincial approach to fisheries, (b) formal establishment of social policy regarding the role of Indians in the fishery, (c) the involvement of all parties in the decision-making process associated with fisheries management, and (d) shifts in emphasis on fish stocks presently utilized and the development of strategically located small processing operations
<u>PROJECT BEGUN:</u>	1974
<u>ANTICIPATED COMPLETION:</u>	1977

REPORTS AND
PUBLICATIONS:

Resources Management Socio-economic Development, and the
Pacific North Coast Native Cooperative: a case study, University
of Waterloo, Ph.D. dissertation, 1977

CONTACT:

Dianne Draper
Geography Department
Memorial University
St. John's, Newfoundland
A1B 3X9

CRUSTACEA: ECOLOGY

Card no. 1505

PROJECT TITLE: POND CRUSTACEA FROM BATHURST ISLAND, NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Arctic Islands

PROJECT UNDERTAKEN BY: National Museum of Natural Sciences, Invertebrate Zoology Division

RESEARCHER(S): Ian Sutherland

FINANCIAL SUPPORT: Federal Government

PURPOSE: To discover what organisms are present, and to describe as far as possible their life history and ecology in the sensitive environment of the high Arctic

METHODOLOGY: Weekly samples taken from several ponds in the vicinity of the National Museum of Natural Sciences field station

PROJECT BEGUN: 1974

ANTICIPATED COMPLETION: 1982

CONTACT:
Ian Sutherland
Invertebrate Zoology Division
National Museum of Natural Sciences
Ottawa, Ontario
K1A 0M8
Tel.: 996-1690

DEFENCE, CANADA: ARCTIC SOVEREIGNTY

Card no. 1417

PROJECT TITLE: THE ARCTIC AND FUTURE CANADIAN SECURITY POLICY

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 68°;
Specific field work in addition to the above: Yellowknife, Whitehorse, Ottawa, Calgary

PROJECT UNDERTAKEN BY: University of British Columbia, Institute of International Relations

RESEARCH CO-ORDINATOR: W. Harriet Critchley, University of British Columbia

RESEARCHER(S): W. Harriet Critchley

FINANCIAL SUPPORT: Federal Government and university

PURPOSE: To conduct a major strategic studies research project which focuses on the changing strategic value of the Canadian High Arctic
The main elements in such a change are recent development in international law, in energy-related resources and in military technology

METHODOLOGY: Analysis of documents and other written material related to the three main elements; interviews with a variety of Arctic experts and northern residents; several tours of the High Arctic

PROJECT BEGUN: September 1976

ANTICIPATED COMPLETION: September 1981

REPORTS AND PUBLICATIONS: Canadian Security Policy in the Arctic: The Context for the Future, Ottawa, Canadian Arctic Resources Committee, 1979, by Critchley, W.H.

CONTACT: Dr. W. Harriet Critchley
Institute of International Relations
University of British Columbia
Vancouver, B.C. V6T 1W5
Tel.: (604)228-5480

312:39
(*424.1)

DEMOGRAPHY: INUIT

Card no. 1510

PROJECT TITLE: DEMOGRAPHIC SITUATION OF THE NOUVEAU-QUÉBEC INUIT

GEOGRAPHIC LOCATION OF PROJECT: Northern Quebec

PROJECT UNDERTAKEN BY: Université de Montréal, Département de Démographie

RESEARCH CO-ORDINATOR: Norbert Robitaille, Université de Montréal

RESEARCHER(S): Robert R. Bourdeau

FINANCIAL SUPPORT: Federal Government and Private Foundations

PURPOSE: To analyse the demographic components of the Inuit population increase in Nouveau-Québec

METHODOLOGY: Demographic analysis of partial statistics

PROJECT BEGUN: September 1980

ANTICIPATED COMPLETION: 1982

CONTACT: Norbert Robitaille
Département de Démographie
Université de Montréal
C.P. 6128, succursale "A"
Montréal, Québec
H3C 3J7
Tel.: 343-6615

616.314:362.7
(*425)

DENTISTRY: CHILDREN

Card no. 1446

PROJECT TITLE: PREVENTIVE DENTAL PROGRAM FOR PRE-SCHOOL CHILDREN AND THEIR MOTHERS

GEOGRAPHIC LOCATION OF PROJECT: Kenora, Fort Frances, Dryden, Northwestern Ontario

PROJECT UNDERTAKEN BY: Northwestern Health Unit

RESEARCH CO-ORDINATOR: Dr. L.W. Armstrong, Northwestern Health Unit

RESEARCHER(S): Dr. L.W. Armstrong

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine if the generally poor dental health of pre-school children can be improved. Mothers, in co-operation with Public Health dental and nursing staff, will be actively involved at regular intervals, pre-and post-natally in the development of their own and their children's preventive dental behaviour. This study will also determine: (a) whether such a program as administered by a public health unit staff is practically feasible, (b) the direct and indirect costs of such a program in relation to its effect, (c) whether such a program results in altered knowledge (and action) on the part of the parent(s)

METHODOLOGY: The project will involve random selection of study and control mothers giving birth to children in the hospitals of three major communities in the Northwestern Health Unit of Ontario. Each study mother will be involved soon after the birth of her child and at regular intervals thereafter in a comprehensive dental health education and preventive program, for herself and her child, including at appropriate ages direct application of topical fluorides to the children's teeth. The dental health study and control children will be evaluated at kindergarten entrance

PROJECT BEGUN: July 1976

ANTICIPATED
COMPLETION:

August 1981

CONTACT:

Dr. L.W. Armstrong
Dental Director
Northwestern Health Unit
15 Ocean Avenue West
R.R. No. 1,
Kenora, Ontario
P9N 3W7
Tel.: (807) 468-3147

330.02
(*423)

DEVELOPMENT, ECONOMIC

Card no. 1426

PROJECT TITLE: UNDERDEVELOPMENT IN WESTERN LABRADOR

GEOGRAPHIC LOCATION OF PROJECT: Labrador

PROJECT UNDERTAKEN BY: Memorial University, Department of Sociology

RESEARCH CO-ORDINATOR: J.D. House, Memorial University

FINANCIAL SUPPORT: Federal Government

PURPOSE: To test dependency model against reality of Western Labrador

METHODOLOGY: Secondary analysis; interviews

PROJECT BEGUN: Summer 1980

ANTICIPATED COMPLETION: Summer 1981

CONTACT:
J.D. House
Department of Sociology
Memorial University
St. John's, Newfoundland
A1B 3X8
Tel.: (709) 753-1200 Ext. 3422

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DUCKS: MIGRATION

Card no. 1573

PROJECT TITLE: A PROGRAM OF RESEARCH ON THE LOCATION, ECOLOGY AND NESTING POPULATION OF EIDER DUCKS IN THE INUIT TERRITORY OF NORTHERN QUEBEC

GEOGRAPHIC LOCATION OF PROJECT: Ungava Bay, Northern Quebec

PROJECT UNDERTAKEN BY: Makivik Corporation and the Canadian Wildlife Service

RESEARCH CO-ORDINATOR: William Kemp, Makivik Corporation

FINANCIAL SUPPORT: Federal Government

PURPOSE: To improve the present state of knowledge about the eider duck population that is seasonally resident along the coastal zone of Quebec north of the 55th parallel

METHODOLOGY: Field census in selected areas. Mapping of Inuit knowledge and use of eider ducks. All work will be jointly carried out by Inuit and southern scientific personnel

PROJECT BEGUN: Spring 1980

ANTICIPATED COMPLETION: March 31, 1981

CONTACT: William Kemp or Lorraine Brooke
Makivik Corporation
4898 de Maisonneuve West
Montreal, Quebec
Tel.: (514) 483-2780

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(*464.8)

ECOLOGY, ANIMAL

Card no. 1506

PROJECT TITLE: BEHAVIOURAL ADAPTATION OF ANIMALS TO HIGH ARCTIC ENVIRONMENT

GEOGRAPHIC LOCATION OF PROJECT: Bathurst Island, Northwest Territories

PROJECT: UNDERTAKEN BY: National Museum of Natural Sciences

RESEARCH CO-ORDINATOR: S.D. MacDonald, National Museum of Natural Sciences

RESEARCHER(S): S.D. MacDonald and researchers based at the High Arctic Research Station of the National Museum of Natural Sciences

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate behavioural adaptations of animals to their high Arctic environments

METHODOLOGY: Multi-method

PROJECT BEGUN: May 1968

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: The Ivory Gull (Pagophila eburnea (Phipps)) in Canada: a status report. National Museum of Natural Sciences, 20 p. 1978 by MacDonald, S.D.
For complete list of publications contact S.D. MacDonald

CONTACT: S.D. MacDonald
National Museum of Natural Sciences
2379 Holly Lane
Ottawa, Ontario
K1A 0M8
Tel.: (613) 998-4141

ECONOMIC DEVELOPMENT: COMMUNITY DEVELOPMENT

Card no. 1651

PROJECT TITLE: BUSINESS AND COMMUNITY SURVEYS

GEOGRAPHIC LOCATION OF PROJECT:

- a) Thompson, Lynn Lake, Leaf Rapids, Gillam and Wabowden
- b) Le Pas and neighbouring communities including Hudson Bay and Cumberland House
- c) Flin Flon and neighbouring communities

PROJECT UNDERTAKEN BY: Manitoba Department of Economic Development and Tourism

RESEARCH CO-ORDINATOR: Michael Basford

RESEARCHER(S): Michael Basford

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: The Community Commercial Development program is intended to provide help to communities in planning commercial development; to provide better service to existing customers; to open new areas of service and to plan new or improved commercial facilities. These three surveys are part of Phase I, the data collection and analysis phase of the program. Responses concerning significant local development planning issues and social, recreational and educational programs and facilities are also elicited, in addition to the purely commercial services

METHODOLOGY: Randomly sampled, mail questionnaire with mail follow-up reminders and post-paid returns. (Average 36% response rate based on deliverable questionnaires)

FINDINGS: Responses from "isolated" and/or largely native communities are limited and in some instances of doubtful representativeness, hence the results apply mainly to the urban-industrial mid-north

PROJECT BEGUN: February 1980

ANTICIPATED COMPLETION: December 1981

REPORTS AND
PUBLICATIONS:

- Thompson and Area Business and Community Survey, Thompson Chamber of Commerce, January 1981
- The Pas and Area Business and Community Survey, The Pas, January 1981

CONTACT:

President
Thompson Chamber of Commerce
Postal Box 567
Thompson, Manitoba

ECONOMIC DEVELOPMENT: DEMOGRAPHY: STATISTICS

Card no. 1541

PROJECT TITLE: YUKON ECONOMIC REVIEW

GEOGRAPHIC LOCATION OF PROJECT: Communities in Yukon

PROJECT UNDERTAKEN BY: Government of Yukon, Economic Development and Strategic Planning Unit

RESEARCH CO-ORDINATOR: Kate Walton, Dianne Oppen, Government of Yukon

RESEARCHER(S): Kate Walton, Dianne Oppen, and contract employees

FINANCIAL SUPPORT: Territorial Government

PURPOSE: To provide a review of the economic activity in the territory specifically in the areas of labour force, rent, real estate and price activity. The report will be released on a quarterly basis with contents of the report providing a summary of all information published in the past in individual reports

PROJECT BEGUN: 1976

ANTICIPATED COMPLETION: November 1980

REPORTS AND PUBLICATIONS: Yukon Economic Review, Government of the Yukon, November 1980

CONTACT: Kate Walton or Dianne Oppen
Economic Development and Strategic Planning Unit
Government of the Yukon
Box 2703
Whitehorse, Yukon
Y1A 2C6
Tel.: (403) 667-5461

ECONOMIC DEVELOPMENT:
IRON ORE INDUSTRY: GEOGRAPHY

Card no. 1542

PROJECT TITLE: GEOGRAPHIC AND SOCIO-ECONOMIC PERSPECTIVES ON THE COMMUNITIES AND THE SCHEFFERVILLE IRON-ORE INDUSTRY REGION IN QUEBEC

GEOGRAPHIC LOCATION OF PROJECT: Quebec

PROJECT UNDERTAKEN BY: McGill University, Geography Department

RESEARCH CO-ORDINATOR: John Bradbury, McGill University

RESEARCHER(S): I. St. Martin, L. Jackson, C. Dufour, M. Thompson-Marcotte, M. Portnoff

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To investigate economic development crises and geographic situations in the communities and the Schefferville iron-ore industry region in Quebec

METHODOLOGY: Questionnaire in town of Schefferville, data collection in government documents and other primary and secondary sources

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: 1983

REPORTS AND PUBLICATIONS: "Towards an alternative theory of resource-based town development in Canada" (case study - Schefferville, Quebec), Economic Geography, Vol. 55, no. 2, April, 1979. pp. 147-166, by J.H. Bradbury

CONTACT:
J.H. Bradbury
Department of Geography
McGill University
805 Sherbrooke Street West
Montreal, Quebec
H3A 2K6
Tel.: (514) 392-4718

EDUCATION

Card no. 1663

PROJECT TITLE: A HUMAN RESOURCES DEVELOPMENT PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Fort Chipewyan, Fort Vermilion, Little Red River (three Communities of Fox Lake, Jean D'or Prairie, and Garden River), Atikameg Wabasca-Desmarais, Slave Lake and Lac La Biche

PROJECT UNDERTAKEN BY: Education North, Alberta Education

RESEARCH CO-ORDINATOR: H. Sherk, Chairman, Minister's Advisory Committee for Education North

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To effect an improvement of the educational service in Northern communities through increased participation of the local community and its residents in various processes of education delivery

METHODOLOGY: The development of funded local societies composed of parents and teachers. Each society identifies the educational needs within the school and and/or community. The society then outlines a plan of activities to attend to the needs and attempts to carry out the activities. A provincial agent acts as monitor and consultant to the process

PROJECT BEGUN: Fall 1978

ANTICIPATED COMPLETION: August 1982

REPORTS AND PUBLICATIONS: First Annual Report: Education North Evaluation Report., Alberta Education, Spring 1981

CONTACT: David G. Young
Coordinator
Education North
Box 1500
Provincial Building
High Prairie, Alberta
T0G 1E0

37:
791.44:551.4
(*41N)(*38)

EDUCATION: DOCUMENTARY MATERIAL: GEOGRAPHY

Card no. 1539

PROJECT TITLE: MAN IN THE ARCTIC AND SUBARCTIC REGIONS

GEOGRAPHIC LOCATION OF PROJECT: Nouveau-Québec and Greenland

PROJECT UNDERTAKEN BY: Université Laval, Centre d'études nordiques

RESEARCH CO-ORDINATOR: Benoît Robitaille, Université Laval

FINANCIAL SUPPORT: Provincial Government and French Government

PURPOSE: To produce a multi-media set of documents on the Arctic and Subarctic regions (films, slides, photography and written material) for the High School geography classes in Quebec and France

PROJECT BEGUN: March 1979

ANTICIPATED COMPLETION: December 1981

CONTACT: Benoît Robitaille
Centre d'études nordiques
Université Laval
Ste-Foy, Québec
Tel.: (418) 656-3453

EDUCATION: ECOLOGY

Card no. 1664

PROJECT TITLE: THE FOREST ECOLOGY OF NORTHERN SASKATCHEWAN

GEOGRAPHIC LOCATION OF PROJECT: Northern half of the province of Saskatchewan

PROJECT UNDERTAKEN BY: Department of Northern Saskatchewan

RESEARCH CO-ORDINATOR: David Thompson, Department of Northern Saskatchewan

RESEARCHER(S): David Henry

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To provide northern school children at the Division 1, 2 and 3 levels (K-Grade 9) with a science unit focusing on their immediate physical environment

METHODOLOGY: Information collected by the researcher through library and field activities will be transformed by Program Development Personnel into appropriate learning activities

PROJECT BEGUN: December 1, 1980

ANTICIPATED COMPLETION: August 31, 1981

CONTACT: David Thompson
Department of Northern Saskatchewan
Program Development Coordinator
Box 5000
La Ronge, Saskatchewan
S0J 1L0
Tel.: (306) 425-4310

EDUCATION: ISOLATED COMMUNITIES

Card no. 1465

PROJECT TITLE: DISTANCE EDUCATION FOR ISOLATED RESERVES

GEOGRAPHIC LOCATION OF PROJECT: Northern Saskatchewan and Northern Canada

PROJECT UNDERTAKEN BY: University of Saskatchewan, Faculty of Continuing Education

RESEARCH CO-ORDINATOR: Andy Tamas, University of Saskatchewan

RESEARCHER(S): Andy Tamas

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To identify persons or agencies in the communities who were capable of acting in an adjunct or "Proctor" role in a structure of distance education designed to serve the learning needs of northern students, and to define some other aspects of this distance education structure

METHODOLOGY: Combination of adult education, community development, applied anthropology and system theory, with data generated through field interviews and literature review

FINDINGS: Individuals and/or groups in rural/isolated communities can be incorporated as adjuncts or "Proctors" in various roles in an appropriately-designed distance education structure

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: 1978, Ms Ed. Thesis

CONTACT: Andy Tamas
Coordinator of Community Education
Government of Yukon
Whitehorse, Yukon

EDUCATION: NATIVE PEOPLE

Card no. 1706

PROJECT TITLE: SELF-CONCEPT AND ACADEMIC ACHIEVEMENT: A STUDY OF FOUR COMMUNITIES IN LABRADOR

GEOGRAPHIC LOCATION OF PROJECT: Nain, North West River, Sheshatshit and West Ste. Modeste, Labrador

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Institute for Research in Human Abilities

RESEARCH CO-ORDINATOR: Carl J. Bognar, Memorial University of Newfoundland

RESEARCHER(S): Jean Blake

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine suitability of self-concept scale for use with native students.
To determine if community structure and composition can be related to differences in self-concept.
To determine if there is a relationship between academic achievement and self-concept

METHODOLOGY: Administration of standardized achievement tests and Tennessee Self Concept Scale to all Grades 7 and 8 students in four communities

FINDINGS: There are significant differences in the measured self-concept of students in the four communities; however, reading achievement is a significant predictor of scores on many of the subscales. Therefore, the meaning of self-concept differences is not clear. Self-concept could not be related to differences in community structure and composition

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: October 1980

REPORTS AND
PUBLICATIONS:

CONTACT:

"Self-concept and native identity: A comparison of four communities in Labrador". In: Journal of American Indian Education, 1981

Carl J. Bognar
Institute for Research in Human Abilities
Memorial University of Newfoundland
St. John's, Nfld. A1B 3X8
Tel.: (709) 737-8656/737-8311

EDUCATION: NUTRITION: HEALTH

Card no. 1693

PROJECT TITLE: EVALUATION OF SCHOOL NUTRITION/HEALTH PROGRAM

GEOGRAPHIC LOCATION OF PROJECT: Northern Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Faculty of Human Ecology, Department of Foods and Nutrition

RESEARCH CO-ORDINATOR: Dr. G.P. Sevenhuijsen, University of Manitoba

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To determine the effect of the work of nutrition/health advisors on selected indicators of nutrition knowledge and behaviour of students at school as well as community members

METHODOLOGY: Over a two year period, activities of the nutrition and health program of the Frontier School Division No. 48 will be monitored. Baseline data (including food consumption and serum retinol) will be collected in six communities. Three communities will act as controls. Identical data collection is planned two years after the first collection to assess changes that have taken place

PROJECT BEGUN: February 1981

ANTICIPATED COMPLETION: December 1983

CONTACT:
Dr. G.P. Sevenhuijsen
Department of Foods and Nutrition
Faculty of Human Ecology
University of Manitoba
Winnipeg, Manitoba
R3T 2N2
Tel.: (204) 474-9554

EDUCATION: SCHOOLS: CURRICULUM

Card no. 1681

PROJECT TITLE: NORTHERN SCHOOL SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories, Northern Quebec and Labrador

PROJECT UNDERTAKEN BY: Nortext Information Design Ltd.

RESEARCH CO-ORDINATOR: Michael Roberts, Editor of Igalaaq

FINANCIAL SUPPORT: Igalaaq newspaper

PURPOSE: To arrive at some (informal) statistics on what northern students think about education, how they relate to both Inuktitut and English languages, and what kind of career expectations they have

METHODOLOGY: Questionnaires were distributed throughout the North via Igalaaq and students and/or teachers voluntarily completed them and returned them to Nortext

PROJECT BEGUN: September 1980

ANTICIPATED COMPLETION: 1981

REPORTS AND PUBLICATIONS: Ilisarniq, education supplement to Igalaaq, by Nortext Information Design, Ltd., February 5, 1981

CONTACT: Beverley Howard
Social and Cultural Division
Department of Indian and
Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9660

or

Michael Roberts
Nortext Information
Design Ltd.
Suite 201
2910 Carling Avenue
Ottawa, Ontario
K2B 7S7

620.911
(*41N)

ENERGY, DOMESTIC

Card no. 1487

PROJECT TITLE: EXPENDITURES AND CONSUMPTION FOR DOMESTIC ENERGY IN NORTHERN CANADA

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: Walter Marquis

RESEARCH CO-ORDINATOR: M. Whitaker, Central Mortgage and Housing Corporation

RESEARCHER(S): Walter Marquis

FINANCIAL SUPPORT: Federal Government

PURPOSE: To document expenditures and consumption for domestic energy in Northern Canada using information supplied by Central Mortgage and Housing Corporation. Develop existing models

ANTICIPATED COMPLETION: January 1980

CONTACT: Walter Marquis
431-C Woodfield Drive
Ottawa, Ontario

ENERGY RESOURCES: LAW: CRIME

Card no. 1442

PROJECT TITLE: ENERGY RESOURCES AND SOCIAL CONDITIONS IN THE YEAR 2000

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: University of Ottawa, Department of Criminology

RESEARCH CO-ORDINATOR: T. Grygier, University of Ottawa

RESEARCHER(S): Peter Shoniker and Fay McWatt

FINANCIAL SUPPORT: Industry and Federal Government

PURPOSE: To establish the impact of dwindling non-renewable energy resources on exploration, conservation, occupations, law enforcement and the law itself (a new system of justice, similar to the Inuit concepts of justice not as retribution but as peace)

METHODOLOGY: A study of the existing literature. Testing a provincial scenario against the opinions of relevant scientists, professionals, public officials, etc.

PROJECT BEGUN: January 1980

ANTICIPATED COMPLETION: January 1983

CONTACT: T. Grygier
655 Richmond Rd., Unit 39
Ottawa, Ontario
K2A 3Y3
Tel.: (613) 725-2545

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ENVIRONMENT

Card no. 1536

PROJECT TITLE: 1979 ENVIRONMENTAL PROGRESS REPORT

GEOGRAPHIC LOCATION OF PROJECT: Central Keewatin

PROJECT UNDERTAKEN BY: Urangesellschaft Canada Limited

RESEARCH CO-ORDINATOR: S. Donald Speller, Urangesellschaft Canada Limited

FINANCIAL SUPPORT: Private Industry

PURPOSE: To collect baseline data

METHODOLOGY: Sample collection; in situ measurement; field observations

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: 1979 Environmental Progress Report. Urangesellschaft Canada Limited, Spring 1980. Contact Mr. Donald Speller directly

CONTACT:
Donald Speller
Urangesellschaft Canada Limited
Environmental Project Manager
2 Bloor Street East
Suite 3100
Toronto, Ontario
M4W 1A8
Tel.: (416) 961-2182

577.42
(*41N)

ENVIRONMENT: ADAPTATION TO COLD

Card no. 1614

PROJECT TITLE: COLD STRESS METER

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60°

PROJECT UNDERTAKEN BY: Department of National Defence

RESEARCH CO-ORDINATOR: Chief, Defence and Civil Institute of Environmental Medicine

FINANCIAL SUPPORT: Federal Government

PURPOSE: To develop a portable instrument which registers an index of the environmental factors which affect human thermal comfort in the cold

FINDINGS: The stress meter has been completed and patent obtained. Current activities involve technology transfer to industry

PROJECT BEGUN: 1971

ANTICIPATED COMPLETION: On-going

CONTACT: Chief, Defence and Civil Institute of Environmental Medicine
P.O. Box 2000
Downsview, Ontario
M3M 3B9

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622.342
(*430)

ENVIRONMENTAL IMPACT: MINING, GOLD

Card no. 1533

PROJECT TITLE: YUKON PLACER MINING STUDY

GEOGRAPHIC LOCATION OF PROJECT: Dawson, Mayo and Carmacks, placer mining areas of Yukon

PROJECT UNDERTAKEN BY: Environment Canada, Environmental Protection Service

RESEARCH CO-ORDINATOR: Pia Archibald, Environment Canada

RESEARCHER(S): Bonnie Burns

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study biological conditions as impacted by placer gold mining with emphasis on suspended sediment

METHODOLOGY: Field sampling in placer mining creeks in Yukon - analysis of sediment

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: January 1981

CONTACT: Pia Archibald
Environmental Protection Service
Room 225, Federal Building
Whitehorse, Yukon
Tel.: (403) 667-6487

ENVIRONMENTAL IMPACT ASSESSMENT

Card no. 1528

<u>PROJECT TITLE:</u>	EVALUATION OF IMPLEMENTATION OF ENVIRONMENTAL ASSESSMENT AND REVIEW PROCESS (EARP) NORTH OF 60°
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Northwest Territories and Yukon
<u>PROJECT UNDERTAKEN BY:</u>	University of British Columbia, School of Community & Regional Planning
<u>RESEARCH CO-ORDINATOR:</u>	William E. Rees, University of British Columbia
<u>RESEARCHER(S):</u>	Gary Holisko and Margaret Davidson
<u>FINANCIAL SUPPORT:</u>	Private organization
<u>PURPOSE:</u>	To describe, analyze and evaluate elements of the Federal Environmental Assessment and Review Process as applied North of 60°, and to provide recommendations for improvement of the process
<u>METHODOLOGY:</u>	<ul style="list-style-type: none">- Examination of Environmental Assessment and Review Process as "theory" and through case studies- Evaluation based on actual implementation as compared to derived performance criteria for government agencies and institutions in a free democratic society
<u>FINDINGS:</u>	Environmental Assessment and Review Process in the north and elsewhere in Canada, does not yet adequately satisfy the promise of the Cabinet directive establishing the process in 1973
<u>PROJECT BEGUN:</u>	May 1979
<u>ANTICIPATED COMPLETION:</u>	May 1981, M.A. Thesis
<u>REPORTS AND PUBLICATIONS:</u>	"Environmental Assessment and Review: The Case of McKinley Bay." Northern Perspectives, V.8: No. 2, pp. 2-10 Canadian Arctic Resources Committee, May 1980, by W.E. Rees "Reflections on EARP: A Discussion Paper." Canadian Arctic Resources Committee, Working Paper No. 1, November 1979, by W.E. Rees

CONTACT:

William E. Rees
School of Community and Regional Planning
University of British Columbia
6333 Memorial Road
Vancouver, British Columbia
V6T 1W5
Tel.: 228-2937

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620.91
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ENVIRONMENTAL IMPACT ASSESSMENT:
DEVELOPMENT OF NATURAL RESOURCES

Card no. 1531

PROJECT TITLE: TERRAIN DISTURBANCE STUDIES, ARCTIC CANADA

GEOGRAPHIC LOCATION OF PROJECT: Arctic Islands, mainland Northwest Territories and Yukon

PROJECT UNDERTAKEN BY: University of Ottawa, Department of Geography

RESEARCH CO-ORDINATOR: H.M. French, University of Ottawa

RESEARCHER(S): D. Naldrett and L. Duyer

FINANCIAL SUPPORT: University, Federal Government (Department of Indian and Northern Affairs - ALUR Program, and Energy Mines and Resources - Polar Continental Shelf) and Industry

PURPOSE: To assess environmental impact of economic activities upon northern regions

METHODOLOGY: Field investigations

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: On-going

CONTACT: H.M. French
Department of Geography
University of Ottawa
Ottawa, Ontario
K1N 6N5
Tel.: (613) 231-2471

628.5a:
620.91
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ENVIRONMENTAL IMPACT ASSESSMENT:
DEVELOPMENT OF NATURAL RESOURCES

Card no. 1575

PROJECT TITLE: TERRAIN-VEHICLE INTERACTION - KEEWATIN

GEOGRAPHIC LOCATION OF PROJECT: District of Keewatin

PROJECT UNDERTAKEN BY: Energy, Mines and Resources, Geological Survey of Canada

RESEARCH CO-ORDINATOR: D.M. Barnett, Department of Indian and Northern Affairs

RESEARCHER(S): L.D. Dyke

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- A) To gather data enabling sound decisions to be made on
 - 1) Summer vehicle use Yes/No
 - 2) If yes, appropriate restrictions
- B) To facilitate communication with industry to ensure mutual understanding of objectives

METHODOLOGY: Data gathering during test periods and in locally defined test areas, and subsequent analysis

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: March 1982

REPORTS AND PUBLICATIONS: Terrain Disturbance from Vehicle Movement, Lone Gull Lake, Central Keewatin. Geological Survey of Canada: Current Research Pt. B Paper 80-1B p. 69-74 1980

CONTACT:

L.D. Dyke or
Geological Survey of Canada
601 Booth Street
Ottawa, Ontario
Tel.: (613) 593-6058

D.M. Barnett
A/Chief Environmental Studies Division
Northern Environmental Protection
Branch
Department of Indian and Northern
Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1627

PROJECT TITLE: SLAVE RIVER HYDRO FEASIBILITY STUDY - FISHERIES

GEOGRAPHIC LOCATION OF PROJECT: Slave River Region, Northwest Territories

PROJECT UNDERTAKEN BY: R.L. and L. Environmental Services Ltd.

RESEARCH CO-ORDINATOR: Gary Ash, R.L. and L. Environmental Services Ltd.

RESEARCHER(S): B. Herbert and C. McLeod

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To identify the major environmental concerns related to the fish resources in this region as they relate to the proposed Slave River hydro electric development. A major area that will be addressed is the potential of upstream movement of fish through the rapids at Fort Smith into Alberta

METHODOLOGY: This will include: fish tagging; fish tracking with radio transmitters; identification of major fish habitat area

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: February 1982

CONTACT: Gary Ash
Fisheries Biologist
RL and L Environmental Services Ltd.
16841 - 110th Avenue
Edmonton, Alberta
T5P 1G8
Tel.: (403) 483-3499

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ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1698

PROJECT TITLE: LIARD RIVER FISHERIES INVESTIGATIONS

GEOGRAPHIC LOCATION OF PROJECT: Fort Nelson, British Columbia and Fort Liard, Northwest Territories

PROJECT UNDERTAKEN BY: R.L. & L. Environmental Services Ltd.

RESEARCH CO-ORDINATOR: C. McLeod, R.L. & L. Environmental Services Ltd.

RESEARCHER(S): J. O'Neil, L. Hildebrand and T. Clayton

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To investigate the migratory and resident fish populations in the Liard River (British Columbia and Northwest Territories) in relation to proposed hydroelectric development

METHODOLOGY: Seasonal fisheries program (i.e., summer, fall) involving normal sampling methodology (e.g., gill nets, electrofishing, traps)

PROJECT BEGUN: July 1978

ANTICIPATED COMPLETION: May 1980

REPORTS AND PUBLICATIONS: An examination of fish migrations in the Liard River, British Columbia, relative to proposed hydroelectric development at Site A, May 1979

CONTACT: J. O'Neil
R.L. & L. Environmental Services Ltd.
16841 - 110 Avenue
Edmonton, Alberta
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Tel.: (403) 483-3499

628.5a:621.311:
621.22:597
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ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1699

PROJECT TITLE:

LIARD RIVER FISHERIES INVESTIGATIONS

GEOGRAPHIC
LOCATION OF
PROJECT:

Fort Nelson, British Columbia and Fort Liard, Northwest Territories

PROJECT
UNDERTAKEN BY:

R.L. & L. Environmental Services Ltd.

RESEARCH
CO-ORDINATOR:

C. McLeod, R.L. & L. Environmental Services Ltd.

RESEARCHER(S):

J. O'Neil, T. Clayton and L. Hildebrand

FINANCIAL
SUPPORT:

Provincial Government

PURPOSE:

To investigate the migratory and resident fish populations in the Liard River (British Columbia and Northwest Territories) in relation to proposed hydro-electric development

METHODOLOGY:

Regular fisheries program (i.e., spring, summer, fall, winter) involving normal sampling methodology (e.g., gill nets, traps, electrofishing)

PROJECT
BEGUN:

July 1979

ANTICIPATED
COMPLETION:

June 1981

CONTACT:

J. O'Neil
R.L. & L. Environmental Services Ltd.
16841 - 110 Avenue
Edmonton, Alberta
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Tel.: (403) 483-3499

ENVIRONMENTAL IMPACT ASSESSMENT:
HYDROELECTRIC DEVELOPMENT: FISH

Card no. 1700

PROJECT TITLE: MAINSTREAM MACKENZIE AND LIARD AQUATIC STUDIES

GEOGRAPHIC LOCATION OF PROJECT: Northeastern British Columbia and western Northwest Territories

PROJECT UNDERTAKEN BY: R.L. & L. Environmental Services Ltd.

RESEARCH CO-ORDINATOR: C. McLeod, R.L. & L. Environmental Services Ltd.

RESEARCHER(S): J. O'Neil and L. Hildebrand

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To predict impacts of physical alterations downstream of the damsite to fish and fish habitat and to suggest possible mitigation measures

METHODOLOGY: Determination of fish habitat by regular sampling methods (e.g., beach saline, gill nets) during spring, summer, and fall periods. Regular invertebrate collection. Collection of hydrological data by employing current meters, oxygen meters, etc.

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: December 1981

CONTACT: Lawrence Hildebrand
R.L. & L. Environmental Services Ltd.
16841 - 110 Avenue
Edmonton, Alberta
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Tel.: (403) 483-3499

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ENVIRONMENTAL IMPACT ASSESSMENT: HYDROELECTRICITY

Card no. 1645

PROJECT TITLE: WATER SAMPLING AND ASSESSMENT OF IMPACT OF THE
SLAVE RIVER HYDRO DEVELOPMENT

GEOGRAPHIC
LOCATION OF
PROJECT: Slave River region, Northwest Territories

PROJECT
UNDERTAKEN BY: Chemical and Geological Laboratories Ltd.

RESEARCH
CO-ORDINATOR: Leigh Norton

RESEARCHER(S): Leigh Norton

FINANCIAL
SUPPORT: Provincial Government

PURPOSE: To undertake a water sampling program, upstream and downstream
of the proposed Slave River Hydro development and to assist in
assessing the general impact of this project

METHODOLOGY: Use of a float plane, based out of Fort Smith. Field reconnaissance.
Spot sampling of water for chemical analysis on the Slave River
and adjacent water bodies in its flood plain

PROJECT
BEGUN: July 1980

CONTACT: Leigh Norton
Senior Biologist
Chemical and Geological Laboratories Ltd.
14203 - 129th Avenue
Edmonton, Alberta
T5L 4N9

628.5a:629.11:
624.139.5
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ENVIRONMENTAL IMPACT ASSESSMENT:
LAND VEHICLES, PERMAFROST, DISTURBANCE

Card no. 1519

PROJECT TITLE: NOGASH LAKE, TERRAIN STUDY

GEOGRAPHIC LOCATION OF PROJECT: Nogash Lake, Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian Affairs and Northern Development

RESEARCH CO-ORDINATOR: L. Dyke, Terrain Sciences Division, Geological Survey of Canada

RESEARCHER(S): L. Marshall

FINANCIAL SUPPORT: Industry

PURPOSE: To quantify and assess the effect of tracked vehicle movement over permafrost terrain

METHODOLOGY: Diverse. Measurement of active layer depth, soil strength, moisture content, vehicle tracks, micro-climate, etc.

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Dr. W.J. Stephen
Pan Ocean Oil Ltd.
Box 2533, Station "M"
Calgary, Alberta
T2P 2M7

ENVIRONMENTAL IMPACT ASSESSMENT: MINING

Card no. 1629

PROJECT TITLE: ASSESSMENT OF THE IMPACTS OF NEW MINING AND WATER DISCHARGE

GEOGRAPHIC LOCATION OF PROJECT: Pine Point, Northwest Territories

PROJECT UNDERTAKEN BY: British Columbia Research Council

RESEARCH CO-ORDINATOR: Arne Bohn, British Columbia Research Council

RESEARCHER(S): Arne Bohn and S. Parmar

FINANCIAL SUPPORT: Industry

PURPOSE: To conduct an assessment of the impacts of new mining and water discharge. The studies will include: updating information on soil types and vegetation; updating information on wildlife habitat; updating information on water quality and fish habitat; examining background levels of trace metals associated with Pine Point mining activity

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: August 1980

CONTACT: Arne Bohn
British Columbia Research Council
3650 Wesbrook Mall
Vancouver, British Columbia
V6S 2L2

628.5a:622
(*440)

ENVIRONMENTAL IMPACT ASSESSMENT: MINING

Card no. 1635

PROJECT TITLE: ENVIRONMENTAL ASSESSMENT OF A MINE/MILL DEVELOPMENT AND WINTER ACCESS ROAD

GEOGRAPHIC LOCATION OF PROJECT: Nahanni Butte, Liard Highway area Northwest Territories

PROJECT UNDERTAKEN BY: Beak Consultants Ltd.

RESEARCH CO-ORDINATOR: G.A. Nieminen

FINANCIAL SUPPORT: Industry

PURPOSE: To undertake environmental field studies relating to the environmental assessment of a mine/mill development and a winter access road. The studies will include fisheries studies, vegetation identification, soil sampling and wildlife habitat assessment

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: October 1980

CONTACT:
G.A. Nieminen
Director, Engineering Services
Beak Consultants Ltd.
Ste. 602/1550 Alberni St.
Vancouver, British Columbia
V6G 1A5

ETHNOGRAPHY

Card no. 1518

PROJECT TITLE: ETHNOGRAPHIC RESEARCH IN A SOUTHEASTERN LABRADOR COMMUNITY

GEOGRAPHIC LOCATION OF PROJECT: Lodge Bay and Cape Charles, Southeastern Labrador Coast

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH CO-ORDINATOR: John C. Kennedy, Memorial University

FINANCIAL SUPPORT: University

PURPOSE: To carry out a general ethnographic study and write a monograph on the community

METHODOLOGY: Participant observation

PROJECT BEGUN: January 1979

ANTICIPATED COMPLETION: On-going

CONTACT: John C. Kennedy
Department of Anthropology
Memorial University of Newfoundland
St. John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8856

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ETHNOGRAPHY: MUSEUM: BANKS ISLAND

Card no. 1419

PROJECT TITLE: ETHNOGRAPHY OF BANKS ISLAND

GEOGRAPHIC LOCATION OF PROJECT: Sachs Harbour Banks Island - Northwest Territories

PROJECT UNDERTAKEN BY: "Institut Fur Urgeschichte, Tübingen

RESEARCH CO-ORDINATOR: Jean-Loup Rousselot

RESEARCHER(S): Dr. Barbara Rousselot
Marktpl 4
D-8554 Gräfenberg

FINANCIAL SUPPORT: University

PURPOSE: Updating of documents and museum pieces, Sachs Harbour. Discussion of problems related to the museum with the village council and inhabitants

METHODOLOGY: Informal meetings

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: 1981

CONTACT: Jean-Loup Rousselot
Kemmatheren 21
D-8551 Kappel
(09192) 7896

598.914:591.543.4
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FALCONS: MIGRATION

Card no. 1418

PROJECT TITLE: 1980 NORTH AMERICAN PEREGRINE SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Richard Fyfe, Canadian Wildlife Service

RESEARCHER(S): Richard Fyfe

FINANCIAL SUPPORT: Federal Government

PURPOSE: To monitor the population trends of North American peregrine populations

METHODOLOGY: Surveys will be carried out throughout North America investigating all previously documented sites for this species. Whenever possible, new reports will be written and new areas of suitable habitat will be surveyed

PROJECT BEGUN: 1970. Repeated 1975, 1980

ANTICIPATED COMPLETION: 1980

CONTACT: Richard Fyfe
Canadian Wildlife Service
9942-108 Street
Edmonton, Alberta T5K 2J5

FINANCE: INCOME

Card no. 1561

PROJECT TITLE: TERRITORIAL ECONOMIC ACCOUNTS

GEOGRAPHIC LOCATION OF PROJECT: Yukon Territory and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian Affairs and Northern Development, Northern Economic Planning, Data Management Division

RESEARCHER(S): Mary Pavich, Department of Indian and Northern Affairs

FINANCIAL SUPPORT: Federal Government

PURPOSE: To compile a set of economic accounts for the territories bringing together in a comprehensive and interrelated system a vast array of economic statistics which will provide economic planning data within an established accounting framework

The accounts will cover 4 sectors - government business, household and non-resident. A study of the imputed value of output from traditional native hunting, fishing and trapping activities will be made for inclusion in the household accounts

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Economic Accounts: Yukon 1967-1974, Department of Indian Affairs and Northern Development, Data Management Division, 1979, by Pavich, Mary

Economic Accounts: Northwest Territories 1967-1974, Department of Indian Affairs and Northern Development, Data Management Division, 1979, by Pavich, Mary

CONTACT: Mary Pavich
Data Management Division
Northern Economic Planning Branch
Department of Indian Affairs and Northern Development
Les Terrasses de la Chaudière
Ottawa Ontario, K1A 0H4
Tel.: (819) 997-0660

FISHERIES

Card no. 1667

PROJECT TITLE: LOBSTICK FISH STUDIES

GEOGRAPHIC LOCATION OF PROJE CT: Lobstick Control Structure, Churchill Falls, Labrador

PROJECT UNDERTAKEN BY: Churchill Falls (Labrador) Corporation

RESEARCH CO-ORDINATOR: Bevin LeDrew

RESEARCHER(S): S. Lewis

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To find and alleviate the cause of fish (lake whitefish) aggregations at the downstream section of the control structure

METHODOLOGY: A variety of studies have involved repellent field experiments; marking and recapturing of fish; physiological condition; physical conditions (limnology) of area monitored

FINDINGS: Repellents are ineffective
Fish aggregating at structure are stressed and do not have normal maturing grounds

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: On-going

CONTACT: Bevin LeDrew
Lower Churchill Development Corporation
P.O. Box 9100
St. John's, Newfoundland
A1A 2X8
Tel.: (709) 737-1494

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FISHERIES: NATIVE PEOPLE: JAMES BAY HYDROELECTRIC PROJECT

Card no. 1467

PROJECT TITLE: ADAPTATIONS OF SUBSISTENCE FISHERIES, FORT GEORGE, NORTHERN QUEBEC

GEOGRAPHIC LOCATION OF PROJECT: James Bay, Northern Quebec

PROJECT UNDERTAKEN BY: Brock University, Institute of Urban and Environmental Studies

RESEARCH CO-ORDINATOR: Fikret Berkes, Brock University, Institute of Urban and Environmental Studies

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the adaptation process of Cree Indian fishermen to the modifications brought about by the James Bay Hydro project

METHODOLOGY: Field work; participatory fishing; open-ended questionnaire

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: "Eastern James Bay Cree Indians: Changing patterns of wild food use and nutrition." *Ecology of Food and Nutrition* 7: 155-172 (1978), by F. Berkes and C.S. Farkas
"Cree fish names from eastern James Bay, Quebec." *Arctic* 31: 489-495 (1978), by F. Berkes and M. Mackenzie
"An investigation of Cree Indian domestic fisheries in northern Quebec." *Arctic* 32: 46-70 (1979), by F. Berkes

CONTACT: Fikret Berkes
Institute of Urban and Environmental Studies
Brock University
St. Catherines, Ontario
L2S 3A1
Tel.: (416) 684-7201

FISHERIES RESEARCH: FISH TAGGING

Card no. 1640

PROJECT TITLE: EVALUATION OF FISH RESOURCES IN THE EASTERN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Northern Baffin Island, Devon Island, Cornwallis Island, Somerset Island and Boothia Peninsula

PROJECT UNDERTAKEN BY: Fisheries and Oceans Canada, Freshwater Institute

RESEARCH CO-ORDINATOR: J.N. Stein, Fisheries and Oceans Canada

RESEARCHER(S): J.N. Stein, G. MacDonald and B. Stewart

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine the fish resources in the streams and rivers of Northern Baffin Island, Devon Island, Cornwallis Island, Somerset Island and Boothia Peninsula. This project is part of the Northern Land Use Information Mapping Program

METHODOLOGY: Gill netting, seining, and angling

PROJECT BEGUN: August 1980

CONTACT: J.N. Stein
Fisheries and Oceans Canada
Fish Habitat Section
Freshwater Institute
501 University Crescent
Winnipeg, Manitoba
R3T 2N6

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FISHERIES RESEARCH: FISH TAGGING

Card no. 1643

PROJECT TITLE: FISH RESOURCES SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Victoria Island and Coppermine, Northwest Territories

PROJECT UNDERTAKEN BY: Hatfield Consultants Ltd.

RESEARCH CO-ORDINATOR: Geoffrey Smith

RESEARCHER(S): Geoffrey Smith, C. Hatfield, G. Williams and B. Kanik

FINANCIAL SUPPORT: Industry

PURPOSE: To undertake a survey of the fish resources in the lakes and streams of Victoria Island in the vicinity of Coppermine. Surveys will include determination of spawning, rearing and overwintering habitat

METHODOLOGY: Methods to be used will include gillnetting, beach seining, pole seining, angling and aerial survey

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: August 1980

CONTACT: Geoffrey Smith
Hatfield Consultants Ltd.
201 - 1571 Bellevue Avenue
Vancouver, British Columbia
V7V 3R6

FISHERIES RESEARCH: NATIVE PEOPLE

Card no. 1433

PROJECT TITLE: WALLEYE STUDIES IN THE PEACE-ATHABASCA DELTA, 1978

GEOGRAPHIC LOCATION OF PROJECT: Peace-Athabasca Delta, Alberta

PROJECT UNDERTAKEN BY: LGL Limited, Environmental Research Associates

RESEARCH CO-ORDINATOR: John Kristensen, LGL Limited

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To locate spawning areas of Walleye in the Peace-Athabasca Delta, and relate this information to the native commercial fishery in Lake Athabasca

METHODOLOGY: Gill netting and trawling throughout the Delta for ripe and young-of-the-year fish

FINDINGS: Areas, other than the well-known Richardson Lake spawning grounds, served as Walleye spawning areas

PROJECT BEGUN: Spring 1978

ANTICIPATED COMPLETION: Summer 1978

REPORTS AND PUBLICATIONS: Walleye Studies in the Peace-Athabasca Delta, 1978. Alberta Environment, Research Secretariat, April 1979

CONTACT: John Kristensen
Regional Manager
LGL Limited
10110-124 St.
Edmonton, Alberta
T5N 1P6
Tel.: 488-4832

FLIES: ECOLOGY

Card no. 1671

PROJECT TITLE: CONTROL OF BITING FLIES IN LABRADOR CITY-WABUSH

GEOGRAPHIC LOCATION OF PROJECT: Western Labrador

PROJECT UNDERTAKEN BY: Memorial University, Research Unit on Vector Pathology

RESEARCH CO-ORDINATOR: M.H. Colbo, Memorial University

RESEARCHER(S): M.H. Colbo, J.R. Finney and Joe Mokry

FINANCIAL SUPPORT: Labrador City Council and Wabush Council

PURPOSE: To ameliorate the biting fly problems of Labrador City-Wabush (both in the town and in summer recreation sites)

METHODOLOGY: Investigations are being conducted on bionomics of larval and adult populations of biting flies in order to devise a control methodology, using the minimal amount of chemicals and/or biologicals, while markedly reducing the adult populations

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Annual report to Labrador City and Wabush Councils

CONTACT: Research Unit on Vector Pathology
Memorial University
St-John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8516

FLIES: ECOLOGY

Card no. 1672

PROJECT TITLE: DEVELOPMENT OF BACILLUS THURINGIENSIS VAR ISRAELENSIS FOR BIO-CONTROL OF SIMULIIDAE

GEOGRAPHIC LOCATION OF PROJECT: Newfoundland

PROJECT UNDERTAKEN BY: Memorial University, Research Unit on Vector Pathology

RESEARCH CO-ORDINATOR: M.H. Colbo, Memorial University of Newfoundland

RESEARCHER(S): M.H. Colbo

FINANCIAL SUPPORT: Federal Government

PURPOSE: To test the effectiveness of Bacillus thuringiensis var israelensis against simulidae and the effects on non-targets organisms

METHODOLOGY: A comprehensive sampling program of larval and adult simuliidae plus associated non-target fauna is being conducted in a stream system which will be treated in 1981 with Bti and results compared to the 1980 period

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: July 1982

CONTACT: M.H. Colbo
Research Unit on Vector Pathology
Memorial University
St. John's, Newfoundland
A1C 5S7
Tel.: (709) 737-8516

FOOD: COST

Card no. 1568

PROJECT TITLE: NORTHERN FOOD COSTS PILOT PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Baffin Region, Eastern Arctic

PROJECT UNDERTAKEN BY: Joint Federal-Territorial Project undertaken by Northern Economic Planning Branch, Department of Indian and Northern Affairs and Planning and Resource Development Division, Department of Economic Development and Tourism, Government of the Northwest Territories

RESEARCH CO-ORDINATOR: Jeff Parker, Department of Indian and Northern Affairs

RESEARCHER(S): Peter Osrunn, Mary Pavich, Department of Indian and Northern Affairs, and Francine Sarazin, Government of the Northwest Territories

FINANCIAL SUPPORT: Federal and Territorial Governments

PURPOSE:

- (i) To determine the elements (e.g., transportation, retail costs, warehousing, etc.) contributing to high food costs in the Baffin region and to assess the extent to which any one or more of these elements cause food prices to rise
- (ii) To identify and evaluate alternative measures the government could exact in Baffin region and other affected areas in the Territories to curb rising prices for specific nutritious foods initially as well as other food items

METHODOLOGY: The pilot project will be conducted in three phases and will be directed towards:

1. Review and evaluation of existing research and on-going programs that attempt to deal with the situation in the Territories and other affected areas in Canada,
2. Identification and assessment of the factors (e.g., transportation, warehousing, retail costs, etc.) that contribute to rising food prices in the Baffin region and,

3. Identification and evaluation of measures government could pursue to stabilize the high cost of specific nutritious foods in particular as well as a broad range of other food items in the Baffin region and other affected areas in both northern Territories

PROJECT BEGUN: August 1980

ANTICIPATED COMPLETION: October 1981

CONTACT:
Mary Pavich
Data Management Division
Northern Economic Planning Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel : (819) 997-0550

FUR TRADE: NATIVE PEOPLE

Card no. 1432

<u>PROJECT TITLE:</u>	INDIGENOUS ECONOMIC STRUCTURES FOUND IN THE TADOUSSAC GAME PRESERVE ON THE ARRIVAL OF THE EUROPEANS IN THE ST. LAWRENCE
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Hydrographic basin of the Saguenay River, and Lake St. Jean as well as its major tributaries
<u>PROJECT UNDERTAKEN BY:</u>	Université du Québec à Chicoutimi
<u>RESEARCH CO-ORDINATOR:</u>	Jean-Paul Simard, Université du Québec à Chicoutimi
<u>RESEARCHERS:</u>	Jean-Paul Simard, Michel Guérin, Hussein Habaili, Robert Simard, Jacques Kurtness
<u>FINANCIAL SUPPORT:</u>	Federal and Provincial Governments, University and the Fondation de l'Université du Québec à Chicoutimi
<u>PURPOSE:</u>	As early as 1575, the Kakschac Indians established a game preserve around the Saguenay Lake St. Jean hydrographic basin where they were the only traders, exchanging the furs gathered inland with the Europeans' ships anchored at Tadoussac. The objective of this study is to gain insight into the economic, commercial and political structures of these native people, then solely responsible for important trade. Were they forced to create new structures or did they simply use the old ones?
<u>METHODOLOGY:</u>	Multidisciplinary work in which are involved historic and prehistoric archaeology as well as ethnology, linguistics and geography
<u>FINDINGS:</u>	The conclusions are not yet definitive. It is nevertheless apparent that the native people of this area, the Kakschac were excellent traders; they used the economic, commercial and political structures already in operation, but introduced a form of capitalism into their culture, an alien element which would soon be more responsible than smallpox for their disappearance, contrary to what has been believed until now

PROJECT
BEGUN:

July 1970

ANTICIPATED
COMPLETION:

On-going

REPORTS AND
PUBLICATIONS:

The Tekouerimat collection, Presses de l'Université du Québec, has published 6 volumes; various manuscript documents were also produced, as well as three reports on archaeology

CONTACT:

Jean-Paul Simard
Directeur des Etudes amérindiennes
Centre de Recherche du Moyen Nord
Université du Québec à Chicoutimi
930 est, rue Jacques-Cartier
Local D-409
Tel: 545-5354

598.412:591.52
(*623)

GEESE: HABITAT

Card no. 1520

PROJECT TITLE: SNOW GEESE AND WILDLIFE HABITAT OF WEST HUDSON BAY

GEOGRAPHIC LOCATION OF PROJECT: Eskimo Point, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: R.H. Kerbes, Canadian Wildlife Service

RESEARCHER(S): R.H. Kerbes

PURPOSE: To monitor the numbers and distribution of Snow Geese; to map and assess the wildlife habitat in the region

METHODOLOGY: Aerial photography, ground investigations

FINDINGS: The West Hudson Bay Snow Goose population (which is utilized by Inuit from Eskimo Point) increased greatly from 1940 to 1973, but since then it has levelled off, or perhaps declined

PROJECT BEGUN: 1972

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Lesser Snow Geese in the Eastern Canadian Arctic. Canadian Wildlife Service, Report Series No. 35, 1975

CONTACT: R.H. Kerbes
Canadian Wildlife Service
115 Perimeter Road
Saskatoon, Saskatchewan
S7N 0X4
Tel.: (306) 665-4111

598.412:591.543.7:502.7
(*426)

GESE: MIGRATION: WILDLIFE MANAGEMENT

Card no. 1529

PROJECT TITLE: POPULATION STUDIES OF SNOW GESE AT LA PEROUSE BAY

GEOGRAPHIC LOCATION OF PROJECT: La Perouse Bay, Manitoba

PROJECT UNDERTAKEN BY: Queen's University, Department of Biology

RESEARCH CO-ORDINATOR: F. Cooke, Queen's University

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE:

- To contribute to the management of important natural resources
- To contribute to pure research

PROJECT BEGUN: 1968

ANTICIPATED COMPLETION: 1986

REPORTS AND PUBLICATIONS: "Early Learning and its Effects on Population Structure. Studies of a Wild Population of Snow Geese." Z. Tierpsychol. 46:344-358, 1978, by Cooke F.
For complete list of publications contact F. Cooke

CONTACT:
F. Cooke
Department of Biology
Queen's University
Kingston, Ontario
Tel.: (613) 547-6601

GOVERNMENT POLICY: CANADIAN NORTH

Card no. 1522

PROJECT TITLE: PUBLIC POLICY IN THE CANADIAN NORTH

GEOGRAPHIC LOCATION OF PROJECT: Whitehorse, Yukon and Yellowknife, Northwest Territories

PROJECT UNDERTAKEN BY: University of Alberta, Department of Political Science

RESEARCH CO-ORDINATOR: Gurston Dacks, University of Alberta

FINANCIAL SUPPORT: University

PURPOSE: To produce an introductory text on major policy questions north of 60°, primarily for university use

METHODOLOGY: Documentary research and interviews

PROJECT BEGUN: June 1979

ANTICIPATED COMPLETION: December 1980

CONTACT: Gurston Dacks
Department of Political Science
University of Alberta
Edmonton, Alberta
T6G 2M4
Tel.: 432-5867

GOVERNMENT POLICIES: ENVIRONMENT CONSERVATION: LAND USE POLICIES

Card no. 1515

PROJECT TITLE: POLITICAL ASPECTS OF ENVIRONMENTAL CONSERVATION
POLICY IN THE NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Brock University, Institute of Urban and Environmental Studies

RESEARCHER(S): Terry Fenge, Brock University

FINANCIAL SUPPORT: Federal Government

PURPOSE To establish and explain the perceptions and advocations of non-governmental groups in relation to environmental conservation policy, specifically National Parks, wildlife areas, International Biological Program sites, Territorial Parks etc. To define the bases for political alliances that may promote comprehensive conservation and land use planning in the Northwest Territories

METHODOLOGY: In depth and informal interviews with both government and non-government personnel

PROJECT BEGUN: Winter 1978/79

ANTICIPATED COMPLETION: Autumn 1980, Ph.D. Thesis

CONTACT: Terry Fenge
Institute of Urban and Environmental Studies
Brock University
St. Catherines, Ontario
L2S 3A1
Tel.: (416) 684-7201

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591.51
(*464.8)(*464.2)

GULLS: BEHAVIOUR

Card no. 1691

PROJECT TITLE: BEHAVIOURAL ADAPTATIONS OF ARCTIC ANIMALS

GEOGRAPHIC LOCATION OF PROJECT: Bathurst Island, Ellesmere Island, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Natural Sciences

RESEARCH CO-ORDINATOR: S.D. MacDonald, National Museum of Natural Sciences, Ottawa

FINANCIAL SUPPORT: Federal Government

PURPOSE: To census and monitor nesting of Ross' Gull

METHODOLOGY: Helicopter survey. Ground based observations using telescopes, tape recorders

FINDINGS: First breeding record of Ross' Gull for North America. Previously known to nest regularly in eastern Siberia

PROJECT BEGUN: 1976

ANTICIPATED COMPLETION: On-going

CONTACT: S.D. MacDonald
Curator, Vertebrate Ethology
National Museum of Natural Sciences
Ottawa, Ontario
Tel.: 998-4141

HARBOUR: OFFSHORE OIL AND GAS EXPLORATION

Card no. 1435

PROJECT TITLE: TUKTOYAKTUK HARBOUR MASTER PLAN

GEOGRAPHIC LOCATION OF PROJECT: Beaufort Sea and Tuktoyaktuk

PROJECT UNDERTAKEN BY: Acres Consulting Services Ltd.

RESEARCH CO-ORDINATOR: S. Brown, Acres Consulting Services, Ltd.

RESEARCHER(S): R. Docksteader

FINANCIAL SUPPORT: Territorial Government

PURPOSE: To prepare a harbour masterplan which would provide a framework to govern the expansion of the port infrastructure in support of offshore oil and gas exploration in the Beaufort Sea

METHODOLOGY: Integrated analysis of water and land-use, including biophysical, economic, engineering and administrative considerations

FINDINGS: Future development activities will be determined to a large extent by trends in the oil and gas and transportation sectors. Tuktoyaktuk is an attractive location for expansion of land-based support activities, and will continue to function primarily as a shallow water harbour

PROJECT BEGUN: December 1979

ANTICIPATED COMPLETION: March 1980

REPORTS AND PUBLICATIONS: Tuktoyaktuk Harbour Masterplan. Acres Consulting Services Ltd., March 1980

CONTACT: S. Brown
Coordinator of Environmental Studies
Acres Consulting Services Ltd.
800 West Pender Street, 8th Floor
Vancouver, British Columbia
V6C 2V6
Tel.: 683-9141

HEALTH: ADMINISTRATION

Card no. 1521

PROJECT TITLE: NATIONAL INDIAN HEALTH POLICY

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: National Indian Brotherhood, National Commission of Inquiry on Indian Health

RESEARCH CO-ORDINATOR: Raymond Obomsawin, National Indian Brotherhood

FINANCIAL SUPPORT: Federal Government

PURPOSE: To obtain Indian consensus on Indian health needs

METHODOLOGY Quarterly meetings of health delegates from all provincial and territorial member associations of The National Indian Brotherhood, to formulate health policy

PROJECT BEGUN: November 1978

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: National Indian Brotherhood, Indian Health Policy. National Indian Brotherhood, June 1980

CONTACT: Raymond Obomsawin
Commission Chairman, Health Program Director
National Indian Brotherhood
102 Bank Street
Ottawa, Ontario
K1P 5N4
Tel.: (613) 236-0673

HEALTH: BLOOD GROUPS

Card no. 1688

PROJECT
TITLE:

THE LUTHERAN AND DIEGO BLOOD GROUPS IN THE NATIVE
PEOPLE OF THE EDMONTON, YELLOWKNIFE AND INUVIK
REGION

GEOGRAPHIC
LOCATION OF
PROJECT:

Northern Alberta, Yellowknife and Inuvik, Northwest Territories

PROJECT
UNDERTAKEN BY:

Dr. Donald I. Buchanan

RESEARCH
CO-ORDINATOR:

Dr. D.I. Buchanan, Consultant & Chairman, Blood Donor Advisory
Committee, Canadian Red Cross

RESEARCHER(S):

Maureen Patterson

FINANCIAL
SUPPORT:

Private Foundation

PURPOSE:

To do research and blood group studies, including the prevention
of hemolytic disease of the newborn due to rare blood group in-
compatibilities

METHODOLOGY:

The techniques included indirect Coombs methods and Chown's
capillaries. In the Edmonton area blood samples were obtained,
with permission, from the Charles Camsell, Wetaskiwin and other
hospital patients of Indian (mainly Cree) origin.

In Yellowknife, the hospital provided 315 blood samples, the residue
left from specimens collected for hemoglobin tests, and similarly
the Inuvik hospital sent part-samples from 145 patients of Indian
or Inuit origin

FINDINGS:

The Lutheran (Lu^a) antigen or blood group factor is probably of
Caucasian origin, only 0.95% of the Indians (mainly Dogrib) having
this factor in the Yellowknife samples, while none from Inuvik
was positive for this antigen

Lutheran (Lu^a) accounted for 3.2% of the 1,596 Cree and Métis
tested in the Edmonton region. Here too the Diego (Di^a) factor
was found in 3.0% of the blood samples, but only in 1.58% in Yellowknife
and none in Inuvik

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: "Genetic Independence of the Lutheran and Diego Blood Group Loci", Transfusion, Vol. 17, pp. 277-279, 1977

CONTACT:
Dr. D.I. Buchanan
Chairman, Red Cross Blood Donor Advisory Committee
c/o Canadian Red Cross
9941 - 106 Street
Edmonton, Alberta
T5K 1E2
Tel.: (403) 439-0129

HEALTH: CHILDREN

Card no. 1631

PROJECT TITLE: STUDY OF INFANT MORTALITY RATES, NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: University of Alberta, Department of Pediatrics

RESEARCH CO-ORDINATOR: Dr. Donald W. Spady

RESEARCHER(S): Dr. Donald W. Spady

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To do a follow-up of the 1973/74 study of infant mortality rates. This study will deal with these children (now 6 and 7 years of age) from the standpoint of their present health and the incidence of certain diseases

METHODOLOGY: Computer analysis of the following data:

- 1) A review of medical records from the first year of life until the date of the survey
- 2) Physical examination of child
- 3) Laboratory examination to include only a microhemoglobin
- 4) Social and family status

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1980

CONTACT: Dr. Donald W. Spady
Department of Pediatrics
University of Alberta Hospital
EDMONTON, Alberta
T6G 2G3

614:37
(*41N)(*38)(*55)

HEALTH: EDUCATION

Card no. 1495

PROJECT TITLE: THE DEVELOPMENT OF HEALTH AND EDUCATIONAL SYSTEMS IN A CROSS POLAR PERSPECTIVE (CANADA, GREENLAND, LAPPLAND)

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada, Greenland, Lapland

PROJECT UNDERTAKEN BY: Robert J. MacDonald

RESEARCHER(S): Robert J. MacDonald

PURPOSE: To examine the issue to see whether or not similar problems of development occur and whether or not any one jurisdiction has been successful in overcoming the problems, or whether general examinations in the past have tended to gloss over problems when solutions are suggested

METHODOLOGY: Examination of newspapers, reports, studies as well as personal observation

PROJECT BEGUN: 1977

ANTICIPATED COMPLETION: On-going

CONTACT: Robert J. MacDonald
613 25th Avenue Northwest
Calgary, Alberta
T2M 2B1
Tel.: 282-1014

614:616.9
(*440)

HEALTH: INFECTIOUS DISEASES

Card no. 1644

PROJECT TITLE: INCIDENCE OF MENINGITIS IN THE BAKER LAKE COMMUNITY

GEOGRAPHIC LOCATION OF PROJECT: Baker Lake, Northwest Territories

PROJECT UNDERTAKEN BY: University of Manitoba, Northern Medical Unit

RESEARCH CO-ORDINATOR: Dr. Brian Postl, University of Manitoba

RESEARCHER(S): Dr. Brian Postl

FINANCIAL SUPPORT: Federal Government

PURPOSE: To undertake a study of the incidence of meningitis in the community of Baker Lake and to treat any suspected carriers of the disease

PROJECT BEGUN: February 1980

CONTACT: Dr. Brian Postl
Northern Medical Unit
University of Manitoba
750 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W3

HEALTH: INFECTIOUS DISEASES

Card no. 1665

PROJECT TITLE: APPLICATIONS OF IMMUNO-ENZYMATIC METHODS TO VIRAL INFECTION DIAGNOSIS IN NORTHERN REGIONS

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: Université de Montréal, Faculté de Médecine

RESEARCH CO-ORDINATOR: Dr. Édouard Kurstak, Université de Montréal, Faculté de Médecine

RESEARCHER(S): Dr. Édouard Kurstak

PURPOSE: To establish means of establishing a rapid and specific diagnosis of arctic arboviruses infections

METHODOLOGY: Immunoperoxidase methods

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Arctic and Tropical Arboviruses, Academic Press, New York, 1979, by Édouard Kurstak (ed.)

CONTACT: Dr. Édouard Kurstak
Département de microbiologie et immunologie
Faculté de Médecine, Université de Montréal
C.P. 6128, Succ. A.,
Montréal, Québec
H3C 3J7
Tel.: (514) 343-6285

HEALTH: INFECTIOUS DISEASES: NATIVE CHILDREN

Card no. 1448

PROJECT TITLE: PROTECTION OF BREAST-FEEDING AGAINST INFECTION IN INDIAN INFANTS

GEOGRAPHIC LOCATION OF PROJECT: Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Department of Pediatrics

RESEARCHER(S): Judith Ellestad-Sayed, F.J. Coodin, Louise A. Dilling, J.C. Haworth

FINANCIAL SUPPORT: Federal Government and University

PURPOSE: To determine whether the type of infant feeding is related to infection during the first year of life

METHODOLOGY: A retrospective study undertaken at two Manitoba Indian Communities. Data on feeding history and hospital admissions were available for 158 infants, who represented about one-third of the preschool-aged children in the communities. Of these infants 28 were fully breast-fed, 58 initially breast-fed and then changed to bottle-feeding and 72 fully bottle-fed

FINDINGS: Breast-feeding was strongly protective against severe infection requiring hospital admission and also against minor infection

ANTICIPATED COMPLETION: Completed

REPORTS AND PUBLICATIONS: "Breast-feeding protects against infection in Indian infants." Canadian Medical Association Journal, volume 120, pp. 295-298, February 1979

CONTACT: University of Manitoba
Faculty of Medicine
Children's Hospital
685 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W1
Tel.: (204) 787-2441

616:612.39:572:39:362.7
(*426)

HEALTH: NUTRITION: ANTHROPOMETRY: NATIVE CHILDREN

Card no. 1450

PROJECT TITLE: GROWTH AND NUTRITION OF MANITOBA PRESCHOOL INDIAN CHILDREN. III ANTHROPOMETRY

GEOGRAPHIC LOCATION OF PROJECT: Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Department of Pediatrics

RESEARCHER(S): Judith Ellestad-Sayed, F.J. Coodin, Louise A. Dilling, J.C. Haworth

FINANCIAL SUPPORT: Federal Government and University

PURPOSE: To study various aspects of growth and nutrition among the preschool children at two isolated communities in northern Manitoba

METHODOLOGY: Cross-sectional and longitudinal measurements on 575 preschool Indian children. Visits were made to each community every two months between 1972 and 1975; 575 children aged 5 years or less were examined on one or more occasion. Anthropometry was done by a single individual on virtually all the preschool children in the communities

FINDINGS: Despite adverse living conditions and high infection rates, the growth patterns of these children differ very little from those of North American children as a whole

ANTICIPATED COMPLETION: Completed

REPORTS AND PUBLICATIONS: Growth and Nutrition of Manitoba Preschool Indian Children III Anthropometry, by F.J. Coodin, Louise A. Dilling, J.C. Haworth and Judith Ellestad-Sayed

CONTACT: Dr. J.C. Haworth
Department of Pediatrics
The Children's Hospital
685 Bannatyne Avenue
Winnipeg, Manitoba
R3E 0W1

HEALTH: NUTRITION: INFECTIOUS DISEASES: NATIVE CHILDREN

Card no. 1449

PROJECT TITLE: GROWTH AND NUTRITION OF PRESCHOOL INDIAN CHILDREN IN MANITOBA: II NUTRIENT INTAKES

GEOGRAPHIC LOCATION OF PROJECT: Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Department of Pediatrics

RESEARCHER(S): Judith Ellestad-Sayed, F.J. Coodin, Louise A. Dilling, J.C. Haworth

FINANCIAL SUPPORT: Federal Government and University

PURPOSE: To investigate the incidence of infection among Manitoban Indian preschool children and their nutritional status

METHODOLOGY: The 24-hour food intake of 151 preschool northern Manitoba Indian children was measured during three seasons and the nutrient content was calculated and compared to recommended levels. Visits were made to Cross Lake and Garden Hill in winter, spring and fall of 1974

FINDINGS: The nutrient most likely to be lacking was vitamin D. Over half of the children also consumed less than the recommended level of iron. Other nutrients likely to be at risk were folate, pyridoxine, calcium and thiamin. Protein and ascorbic acid intakes tended to be high relative to standards

ANTICIPATED COMPLETION: Completed

REPORTS AND PUBLICATIONS: Growth and Nutrition of Preschool Indian Children in Manitoba: II. Nutrient Intakes, by J.J. Ellestad-Sayed, J.C. Haworth, F.J. Coodin and L.A. Dilling

CONTACT: Dr. J.J. Ellestad-Sayed
Department of Pediatrics
University of Western Ontario
South Street Campus
Victoria Hospital
391 South Street
London, Ontario
N6A 4G5

614:612.39:39
(*410)

HEALTH: NUTRITION: INUIT

Card no. 1622

PROJECT TITLE: IMPACT OF SOUTHERN CANADIAN DIET AND LIFESTYLE
ON GENERAL HEALTH, NUTRITION AND WORKING CAPACITY
OF CANADIAN INUIT

GEOGRAPHIC
LOCATION OF
PROJECT: Igloolik Northwest Territories

PROJECT
UNDERTAKEN BY: Department of Indian and Northern Affairs, Eastern Arctic Scientific
Resource Centre

RESEARCH
CO-ORDINATOR: Andris Rode

RESEARCHER(S): A. Rode and G. Qulaut

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To conduct a follow-up to a study in 1969-71 of the
impact of southern Canadian diet and lifestyle on general
health, nutrition and working capacity of Canadian Inuit.

METHODOLOGY: Basic cardio - respiratory and physiological laboratory methods

PROJECT
BEGUN: November 12, 1980

ANTICIPATED
COMPLETION: March 31, 1981

CONTACT: Andris Rode
Scientist-in-Charge
Eastern Arctic Scientific Resource Centre
Igloolik, Northwest Territories
X0A 0L0

362.1
(*430)

HEALTH CARE

Card no. 1439

PROJECT TITLE: YUKON HEALTH CARE RECORDS STUDY

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCH CO-ORDINATOR: Robert M. Bone, University of Saskatchewan

FINANCIAL SUPPORT: Territorial Government

PURPOSE: To assess the value of the Yukon Health Care Records as a source of demographic data

METHODOLOGY: To examine the records and to interview appropriate government officials who have used these records

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: Fall 1980

CONTACT: Robert M. Bone
Director
Institute for Northern Studies
University of Saskatchewan
Saskatoon, Saskatchewan
S7N 0W0
Tel.: 343-4316

HEALTH SERVICES: ADMINISTRATION

Card no. 1428

PROJECT TITLE: THE ORGANIZATION OF DISTRICT HEALTH COUNCILS IN ONTARIO

GEOGRAPHIC LOCATION OF PROJECT: Kenora and Rainy River Districts, Northwest Ontario

PROJECT UNDERTAKEN BY: University of Toronto, Department of Health Administration

RESEARCH CO-ORDINATOR: Maureen Dixon, University of Toronto

RESEARCHER(S): Ann Kirkland

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To assist District Health Councils in organizational development, and to develop tested and generalized concepts of District Health Council organization for use in a wide context

METHODOLOGY: Social Analysis: a collaborative method of identifying organizational problems which are amenable to change, developing requisite structures and enacting change

FINDINGS: Analysis of existing organizational patterns in terms of accountability, authority and working relationships. New concepts and models developed for problem resolution

PROJECT BEGUN: September 1977

ANTICIPATED COMPLETION: September 1980

CONTACT: Professor Maureen Dixon
Department of Health Administration
University of Toronto
McMurrich Blg.
Toronto, Ontario
Tel.: (416) 978-6349

HEALTH SERVICES: INFORMATION ORGANIZATION

Card no. 1462

PROJECT TITLE: A COMPREHENSIVE PROGRAM MONITORING SYSTEM FOR COMMUNITY HEALTH CENTRES

GEOGRAPHIC LOCATION OF PROJECT: Churchill, Leaf Rapids and Winnipeg, Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, School of Social Work

RESEARCH CO-ORDINATOR: Beverly Lepischak, University of Manitoba

RESEARCHER(S): Dr. Barry Trute, Dr. Bruce Tefft, Dr. David Scuse, Dr. Jack Hildes, Dr. Angus Reid

FINANCIAL SUPPORT: Federal Government

PURPOSE: After three years of development, a prototype model of a health centre information system has been constructed. The model is structured such that simple service forms, encompassing both medical and social services, can be applied and maintained at modest expense and with rigorous control on confidentiality. Highly efficient computer programs maintain an interactive data entry system, a reliable updating system, a flexible data retrieval system, and simple data output and analysis facilities. An integral aspect of the Manitoba Health Centres Information System (MHCIS) is the consultative strategy that has been evolved which provides guidelines for dealing with the "human factors" inherent in the maintenance of such a system. Careful attention has been given to both "technical" and "human" aspects in development

METHODOLOGY: Computer based health management information system

FINDINGS: Development of management information systems in health and social services particularly as they are contained in health centre settings. The creation of computer based health service data for epidemiological and evaluation research

PROJECT BEGUN: April 1978

ANTICIPATED COMPLETION: March 1981

CONTACT: Dr. Barry Trute
School of Social Work
University of Manitoba
Winnipeg, Manitoba
R3T 2N2
Tel.: 474-9798

HIGHWAY ENGINEERING: HYDROLOGY

Card no. 1474

PROJECT TITLE: HIGHWAY - RELATED HYDROLOGIC STUDIES, MACKENZIE DELTA REGION, NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Delta

PROJECT UNDERTAKEN BY: Environment Canada, Snow and Ice Division, Northern Hydrology Section

RESEARCH CO-ORDINATOR: John C. Anderson, Environment Canada

RESEARCHER(S): John C. Anderson

FINANCIAL SUPPORT: Federal Government

PURPOSE: To collect and analyse data on snow cover, precipitation, runoff and river ice conditions which relate to the design of highways (esp. culverts, bridges)

METHODOLOGY: Field: data collected during 1980 open water season at nine drainage basins
Office: data reduction, analysis, report writing

FINDINGS: These relate to the magnitude and variability of snowpack water equivalent, snowmelt discharge, seasonal runoff, river ice accumulations etc.

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Hydrologic Studies in the Mackenzie Delta Region, N.W.T., 1979.
Environment Canada, February 1980

CONTACT: J.C. Anderson
Snow and Ice Division
Environment Canada
Ottawa, Ontario
K1A 0E7
Tel.: 997-2385

HISTORY

Card no. 1670

PROJECT TITLE: THE WRITING OF NORTHERN HISTORY

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Concordia University, Department of History

RESEARCHER(S): R. J. Diubaldo

FINANCIAL SUPPORT: Federal Government

PURPOSE: To prepare a paper on Canadian northern history

METHODOLOGY: Archival research and historical analysis (selective) of existing literature

PROJECT BEGUN: Summer 1980

ANTICIPATED COMPLETION: March 1981

CONTACT: Richard J. Diubaldo
Department of History
Concordia University
1435 de Maisonneuve Boulevard West
Montreal, Quebec
H3G 1M8

93:330.02
(*425)

HISTORY: ECONOMIC DEVELOPMENT

Card no. 1690

PROJECT TITLE: ECONOMIC HISTORY OF ONTARIO 1940 - 1980

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Kenneth John Rea

RESEARCH CO-ORDINATOR: Kenneth John Rea

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To provide a general economic history of Ontario for the period 1940 - 1980 (including northern development)

METHODOLOGY: Historical research

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: 1982

CONTACT: Kenneth John Rea
Department of Political Economy
University of Toronto
Toronto, Ontario
M5S 1A1
Tel.: (416) 421-1163

HISTORY: EXPEDITIONS

Card no. 1516

PROJECT TITLE:

THE MARITIME, SCIENTIFIC AND MILITARY EXPEDITIONS
OF JEAN-FRANÇOIS DE GALAUP DE LA PEROUSE

GEOGRAPHIC
LOCATION OF
PROJECT:

Hudson Bay and Pacific Ocean

PROJECT
UNDERTAKEN BY:

Roland Lamontagne, Université de Montréal, Département d'histoire

PURPOSE:

To study the military expeditions of La Pérouse in Hudson Bay.
To emphasize the scientific contribution of La Pérouse, which
was characterized by a spirit of international co-operation during
his expedition in the Pacific

METHODOLOGY:

Critical analysis of the manuscript sources, interpreted through
historiography

FINDINGS

La Pérouse's work is characterized by his willingness to collaborate
with the international scientific community. In Hudson Bay
he contributed notably to the scientific work carried out by the
British

PROJECT
BEGUN:

May 1977

ANTICIPATED
COMPLETION:

On-going

REPORTS AND
PUBLICATIONS:

La Baie James dans l'histoire du Canada, Beauchemin, 114 p.,
1974

CONTACT:

Roland Lamontagne
Département d'histoire
Université de Montréal
Case postale 6128, Succursale "A"
Montréal, Québec
H3C 3J7
Tel.: 343-7352

HISTORY: NATIVE PEOPLE

Card no. 1570

PROJECT TITLE: THE EXPLORATION, DISCOVERY AND INITIAL DEVELOPMENT OF THE EASTERN HIGH ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Eastern High Arctic

PROJECT UNDERTAKEN BY: David Hocking and M. Anderson

RESEARCH CO-ORDINATOR: Gary Leitch, Community Liaison and Social Impact Assessment, Petro-Canada

RESEARCHER(S): David Hocking and M. Anderson

FINANCIAL SUPPORT: Industry

PURPOSE: To gain overview of native contact with Europeans and non-Native North Americans

METHODOLOGY: Archival research

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: The Exploration, Discovery and Initial Development of the Eastern High Arctic, by Hocking, David and Anderson, M.

CONTACT: G. Leitch
Community Liaison and Social Impact Assessment
Petro-Canada
P.O. Box 2844
Calgary, Alberta
T2P 2M7
Tel.: (403) 232-8000

351.778.5
(*440)

HOUSING

Card no. 1530

PROJECT TITLE: NORTHWEST TERRITORIES HOUSING CORPORATION -
HOUSING NEEDS STUDY

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Northwest Territories Housing Corporation

RESEARCH CO-ORDINATOR: Rob Redgrave, Northwest Territories Housing Corporation

FINANCIAL SUPPORT: Territorial Government

PURPOSE: To compile data, by community, on the condition, space utilization, and household income level of that segment of Northwest Territories housing which constitutes social housing; and on the basis of this information to secure an equitable apportionment of social housing resources

METHODOLOGY: Study design consists of "Community Survey Package" - a form set completed by Housing Association Authorities in which they document their social housing situation

PROJECT BEGUN: 1971

ANTICIPATED COMPLETION: On-going

CONTACT: Rob Redgrave
P.O. Box 2100
Yellowknife, Northwest Territories
X1A 2P6
Tel.: (403) 873-7949

HOUSING: COMMUNITY DEVELOPMENT: CHILDREN

Card no. 1482

PROJECT TITLE: INTERNATIONAL YEAR OF CHILD - HOUSING NEEDS OF NATIVE FAMILIES - CHILD'S/PARENT'S PERCEPTIONS

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: University of Saskatchewan, Department of Sociology

RESEARCH CO-ORDINATOR: S. Brink, Central Mortgage and Housing Corporation

RESEARCHER(S): Angela Wei Djao

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the needs of children in area of housing, neighbourhood and community that are perceived by parents and those that are not. The extent to which children's needs are reflected in parent's decision regarding housing. Reasons for perceiving or neglecting children's needs. The effect of existing conditions on development of child - housing strategies that can respond to both parents and children's needs when they conflict

ANTICIPATED COMPLETION: August 1980

CONTACT: University of Saskatchewan
Department of Sociology
Saskatoon, Saskatchewan
S7N 0W0

333.32:39
(*424)

HOUSING: NATIVE PEOPLE

Card no. 1483

PROJECT TITLE: NASKAPI PROTOTYPE HOUSE BUILDING PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Quebec

PROJECT UNDERTAKEN BY: Naskapi Band Council of Schefferville

RESEARCH CO-ORDINATOR: M. Binder, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Geoffroy

FINANCIAL SUPPORT: Federal Government

PURPOSE: To contribute to the building of a prototype house suited to the severe environmental conditions of Schefferville, to the training and cultural needs of the Naskapi and to possible relocation

ANTICIPATED COMPLETION: March 1981

CONTACT: Naskapi Band Council of Schefferville
Suite 800
1070 Rue Bleury
Montreal, Quebec
H2Z 1N3

HOUSING: NATIVE PEOPLE

Card no. 1489

PROJECT TITLE: DESIGN OF A PROTOTYPE HOUSE FOR THE NASKAPI HOUSE BUILDING PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Quebec

PROJECT UNDERTAKEN BY: Naskapi Band Council

RESEARCH CO-ORDINATOR: J. Connolly, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Geoffroy

FINANCIAL SUPPORT: Federal Government

PURPOSE: To support the Naskapi Band Council in the design phase of an energy-conserving prototype house, suited to the needs of the Naskapi and local climatic conditions. It must be amenable to replication in further Naskapi construction projects. Super-insulated dwellings require particular care in construction to achieve air tightness. When design is submitted, consideration will be given for additional funding to ensure dwelling built as designed

ANTICIPATED COMPLETION: November 1979

CONTACT: Naskapi Band Council
Suite 340
1070 rue Bleury
Montreal, Quebec
H2Z 1N3

333.32:39:711.3
(*41)

HOUSING: NATIVE PEOPLE: RURAL AREAS

Card no. 1484

PROJECT TITLE: REVIEW OF THE RURAL HOUSING NEEDS

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Statistics Canada, Financial Services, Special Surveys Division

RESEARCH CO-ORDINATOR: R. Hobart, Central Mortgage and Housing Corporation

RESEARCHER(S): C. Silver

FINANCIAL SUPPORT: Federal Government

PURPOSE: To conduct a review of the rural and native housing needs

ANTICIPATED COMPLETION: November 1979

CONTACT: Statistics Canada
Financial Services
Special Surveys Division
R.H. Coats Building 6 6J
Ottawa, Ontario
K1A 0T6

HOUSING: NATIVE PEOPLE: RURAL AREAS

Card no. 1485

PROJECT TITLE: STUDY OF CLIENTS OF CENTRAL MORTGAGE AND HOUSING CORPORATION'S RURAL AND NATIVE HOUSING PROGRAM

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Canadian Facts Co. Ltd.

RESEARCH CO-ORDINATOR: N. Shulman

RESEARCHER(S): M.S. O'Hara

FINANCIAL SUPPORT: Federal Government

PURPOSE: To survey clients of Central Mortgage and Housing Corporation's Rural and Native Housing Program

METHODOLOGY: Provide appropriate format for the draft interview schedule and final interview schedule which will be provided by the corporation. Conduct pre-test of approximately 20 cases. Prepare sample lists of participants for use by the field staff. Conduct training sessions for all field staff and complete 75 cases in 7 designated provinces. Code and transfer data to machine readable form. Provide set of marginals and complete field work required

ANTICIPATED COMPLETION: April 1980

REPORTS AND PUBLICATIONS: Field Report; Survey on Rural and Native Housing. Canadian Facts Co. Ltd., 1979

CONTACT: Canadian Facts Co. Ltd.
Suite 416
130 Albert Street
Ottawa, Ontario
K1P 5G4

HOUSING: NATIVE PEOPLE: RURAL AREAS

Card no. 1488

PROJECT TITLE: MARKET STRATEGY - RURAL AND NATIVE HOUSING ACTIVITY AND POLICIES

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Debora K. Toll

RESEARCH CO-ORDINATOR: C. Rump, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Toll

FINANCIAL SUPPORT: Federal Government

PURPOSE: To develop statistical material for market strategy analysis and rural and native housing activity and policies. To analyse material from computer print-outs and code information from Central Mortgage and Housing Corporation's Rural and Native Housing Program, Public Housing, Senior Citizen and Residential Rehabilitation Program for brief analysis of material. Summarize and analyze other related project material as assigned

ANTICIPATED COMPLETION: November 1979

CONTACT: Debora Toll
470 Labrosse Boulevard
Gatineau, Quebec
J8P 4R2

351.778.5:333.32
(*430)(*440)

HOUSING, PUBLIC: GOVERNMENT POLICIES

Card no. 1486

PROJECT TITLE: PUBLIC HOUSING REVENUE DATA FOR YUKON AND NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Nancy Ratz

RESEARCH CO-ORDINATOR: D. Black, Central Mortgage and Housing Corporation

RESEARCHER(S): Nancy Ratz

FINANCIAL SUPPORT: Federal Government

PURPOSE: To undertake a systematic examination of revenues in the Yukon and the Northwest Territories and ensure that public housing subsidies are those authorized by the financial authority and delegated to the corporation. The data gathered from the study will complete the report on the review of all public housing jurisdictions in Canada

ANTICIPATED COMPLETION: August 1980

CONTACT: Nancy Ratz
346 College Street
Apartment 1
Toronto, Ontario
M5T 1S4

728:711.3
(*41)

HOUSING, TECHNOLOGY: RURAL AREAS

Card no. 1490

PROJECT TITLE: HOUSING TECHNOLOGIES SUITABLE FOR USE IN RURAL AND NORTHERN CANADA

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Native Council of Canada

RESEARCH CO-ORDINATOR: L. Gladue, Central Mortgage and Housing Corporation

RESEARCHER(S): D. Symington

FINANCIAL SUPPORT: Federal Government

PURPOSE: To develop and assess five housing technologies. If technologies are suitable, second phase project would be put forward to build houses using successful technology

ANTICIPATED COMPLETION: October 1978

CONTACT: Native Council of Canada
77 Metcalfe Street
Ottawa, Ontario

312:
325.1:93
(*424)(*424.1)

HUMAN GEOGRAPHY:
SETTLEMENT: HISTORY

Card no. 1538

PROJECT TITLE: INUIT SETTLEMENT IN THE QUEBEC - NORTHWEST TERRITORIES FRONTIER ZONE DURING THE HISTORICAL PERIOD

GEOGRAPHIC LOCATION OF PROJECT: Québec and Nouveau-Québec

PROJECT UNDERTAKEN BY: Université Laval, Centre d'études nordiques

RESEARCH CO-ORDINATOR: Benoît Robitaille, Université Laval

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the geography of the Inuit settlement in the Quebec-Northwest Territories frontier zone during the historical period

METHODOLOGY: Bibliographic and archival research; cartography of data

PROJECT BEGUN: June 1978

ANTICIPATED COMPLETION: March 1981

CONTACT: Benoît Robitaille
Centre d'études nordiques
Université Laval
Ste-Foy, Québec
Tel.: (418) 656-3453

639:599.5:39
(*424.1)

HUNTING: WHALES: INUIT

Card no. 1572

PROJECT TITLE: STUDIES ON THE DISTRIBUTION, POPULATION SIZE STOCK IDENTITY AND INUIT USE OF THE WHITE WHALES OF NORTHERN QUEBEC

GEOGRAPHIC LOCATION OF PROJECT: Coastal waters and major river estuaries of Northern Quebec

PROJECT UNDERTAKEN BY: Makivik Corporation and L.G.L. Limited

RESEARCH CO-ORDINATOR: William Kemp, Makivik Corporation

FINANCIAL SUPPORT: Federal Government

PURPOSE: To combine the knowledge and expertise of Inuit hunters who use the whale resource with the practical and theoretical biological knowledge of southern scientists to begin to gather baseline information on the white whales of northern Quebec

METHODOLOGY: Two Phases: The first phase would consist of an office-based review of existing data from the Makivik resource harvest study supplemented by interviews with selected hunters in key communities. The second phase would consist of field studies - aerial surveys and shore-based migration watches and biological sampling from the Inuit harvest. Inuit will be trained and will participate in all phases of the work

PROJECT BEGUN: Spring 1980

ANTICIPATED COMPLETION: March 31, 1981

CONTACT: William B. Kemp or Lorraine Brooke
Makivik Corporation
4898 de Maisonneuve West
Montreal, Quebec
Tel.: (514) 483-2780

HUNTING: WHALES: NATIVE PEOPLE

Card no. 1554

PROJECT TITLE: STUDY TO EXAMINE THE FEASIBILITY OF REDUCING THE HIGH "STRUCK AND LOST" RATE IN ABORIGINAL CETACEAN HUNTS

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: LGL Limited

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs, and E.D. Mitchell, Fisheries and Oceans

RESEARCHER(S): K. Findley and J.W. Miller

FINANCIAL SUPPORT: Federal Government

PURPOSE: To design and test a more effective technology for the taking of small cetaceans by Inuit hunters
To obtain Inuit reactions and opinions about the various types of equipment being tested by offering Inuit the opportunity to participate in the test program

PROJECT BEGUN: June 1979

ANTICIPATED COMPLETION: May 1980

REPORTS AND PUBLICATIONS: 1979 Hunt for Narwhal and examination of harpoon gun technique near Pond Inlet, North Baffin Island, by Findley, K. and Miller J.W., May 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

HUNTING: WILDLIFE

Card no. 1574

PROJECT TITLE: RESEARCH TO ESTABLISH PRESENT LEVELS OF NATIVE HARVESTING

GEOGRAPHIC LOCATION OF PROJECT: All Inuit and Cree communities in northern Quebec covered by the James Bay and Northern Quebec Agreement

PROJECT UNDERTAKEN BY: A research committee comprised of one individual from each of the signatories to the James Bay and Northern Quebec Agreement

RESEARCH CO-ORDINATOR: Inuit portion of the research: Lorraine Brooke or William Kemp, Makivik Corporation; Cree portion of the research: Harvey Feit, Cree Regional Authority

FINANCIAL SUPPORT: Joint funding from all signatories to the James Bay and Northern Quebec Agreement

PURPOSE: Research called for in the James Bay and Northern Quebec Agreement for the purposes of assisting in the establishment of guaranteed levels of harvesting for the Inuit and Cree of northern Quebec

METHODOLOGY: Data recording calendars and diaries used by the hunters; annual collection and interviews; data analysed by computer

PROJECT BEGUN: Summer 1975

ANTICIPATED COMPLETION: 1981

CONTACT: Lorraine Brooke or
William Kemp
Makivik Corporation
4898 de Maisonneuve West
Montreal, Quebec
Tel.: (514) 483 2780 or Harvey Feit
Cree Regional Authority
231 St-Jacques Room 800
Montreal, Quebec
Tel.: (514) 845-7281

ICE, SEA: RESOURCE DEVELOPMENT

Card no. 1678

PROJECT TITLE: LABRADOR ICE DYNAMICS EXPERIMENT (LIDEX)

GEOGRAPHIC LOCATION OF PROJECT: Labrador Sea

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Newfoundland Institute of Cold Ocean Science

RESEARCH CO-ORDINATOR: W.W. Denner, Memorial University of Newfoundland

RESEARCHER(S): T.E. Keliher and N. Boston

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- 1) To prepare a workshop on design of LIDEX
- 2) To produce the LIDEX scientific plan
- 3) To do a feasibility study of the use of satellite-reporting buoy for monitoring ice movement

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: 1984

REPORTS AND PUBLICATIONS: LABRADOR ICE DYNAMICS EXPERIMENT, Workshop Report, Memorial University of Newfoundland, March 6-8, 1980

CONTACT:

W.W. Denner
Newfoundland Institute For Cold Ocean Science
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3X7
Tel.: (709) 737-8833

INDIAN ADMINISTRATION: ATTITUDES

Card no. 1460

PROJECT TITLE: A SOCIO-POLITICAL INTRODUCTION TO INDIAN AFFAIRS

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: University of Calgary

RESEARCH CO-ORDINATOR: J. Rick Ponting, University of Calgary, Department of Sociology

RESEARCHER(S): J. Rick Ponting and Roger Gibbins

FINANCIAL SUPPORT: University and Private Foundations

PURPOSE: To examine:

- 1) the demographic and socio-economic structure, composition and patterns of change of the native Indian population in Canada
- 2) the attitudes of non-Indians towards Indians
- 3) the support role which non-Indian organizations in certain institutional sectors plays vis-à-vis Indians
- 4) the Department of Indian Affairs and Northern Development
- 5) Indians' political struggle for decolonization and self-determination

METHODOLOGY: Combination of survey research of the total population and intensive interviewing of key officials in Government, Indian associations, churches and foundations

REPORTS AND PUBLICATIONS: Out of Irrelevance: A Socio-Political Introduction to Indian Affairs in Canada, Butterworth, 1980, 364 pp. by J. Rick Ponting and Roger Gibbins

CONTACT: J. Rick Ponting
Department of Sociology
University of Calgary
Calgary, Alberta
T2N 1N4
Tel.: (403) 284-6501

595.7:577.4
(*41N)

INSECTS: ECOLOGY

Card no. 1578

PROJECT TITLE: REVIEW AND SYNTHESIS ON NORTHERN AND ARCTIC INSECTS

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: Entomological Society of Canada

FINANCIAL SUPPORT: Federal Government

PURPOSE: To increase the knowledge of the variety of Canadian insects and their role in the ecosystems. This knowledge will enhance environmental understanding and protection, agriculture and forest production, human and animal health, wildlife management and the general understanding of ecosystems important to human well-being

PROJECT BEGUN: October 1978

ANTICIPATED COMPLETION: June 1980

CONTACT: D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

614.449 57
(*41N)

INSECTS: PROTECTIVE MEASURES AGAINST

Card no. 1616

PROJECT TITLE: STUDY OF IMPROVED COMPOUNDS, EQUIPMENT AND METHODS FOR BITING FLY CONTROL

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60°

PROJECT UNDERTAKEN BY: Department of National Defence

RESEARCH CO-ORDINATOR: L.D. Reed

RESEARCHER(S): P. Darcey

FINANCIAL SUPPORT: Federal Government

PURPOSE: To ensure that biting fly control compounds and techniques at Canadian Forces Bases are effective with minimum environmental disturbance

METHODOLOGY: Experimental formulations and equipment are field evaluated at Canadian Forces Bases during the mosquito and blackfly seasons

FINDINGS: Baygon continues to be the pesticide of choice for adult mosquito and blackfly control although some of the synthetic pyrethroids show considerable potential

PROJECT BEGUN: 1973

ANTICIPATED COMPLETION: On going

CONTACT: Research and Development
Attn: DST (HP)
National Defence Headquarters
101 Colonel By Drive
Ottawa, Ontario

341:599.735.3
(*41 N)

INTERNATIONAL LAW: CARIBOU

Card no. 1677

PROJECT TITLE: **LEGAL ASPECTS OF AN INTERNATIONAL WILDLIFE REGIME IN THE YUKON AND ALASKA**

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: University of British Columbia, Faculty of Law

RESEARCH CO-ORDINATOR: D.M. McRae, University of British Columbia

RESEARCHER(S): Nigel Bankes

FINANCIAL SUPPORT: University

PURPOSE: To investigate the legal aspects of a proposed international wildlife convention between the United States and Canada for the protection and harvesting of the migratory caribou herd

METHODOLOGY: Analysis of legal literature on sharing of resources and interview Canadian officials involved in negotiation of convention

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: June 1981

REPORTS AND PUBLICATIONS: **The International Law of Shared Resources: A Case Study of an International Wildlife Range** by N. Bankes, LL.M. thesis deposited in U.B.C. Library, 1980

CONTACT: D.M. McRae or Nigel Bankes
University of British Columbia
Faculty of Law
Vancouver, British Columbia
Tel.: (604) 228-3403

39:577.4:
39/80
(*440)

INUIT ETHNOGRAPHY: ECOLOGY: ETHNOLINGUISTICS

Card no. 1452

PROJECT TITLE: ETHNOECOLOGY OF THE INLAND PADLIURMIUT

GEOGRAPHIC LOCATION OF PROJECT: Eskimo Point, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Michael Shouldice, McMaster University, Department of Anthropology

FINANCIAL SUPPORT: Federal Government

PURPOSE: To document the ethnoecology associated with the Inland Padliurmuit peoples of Eskimo Point, Northwest Territories and the caribou hunting complex by describing the environmental domain of the culture bearers' theories of the world and how it manifests itself through linguistic taxonomies

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: May 1982

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
OTTAWA, Ontario
K1A 0M8
Tel.: (613) 996-4540

INUIT: ETHNO-HISTORY

Card no. 1420

PROJECT TITLE: ETHNOHISTORY OF THE MACKENZIE ESKIMOS

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Delta Area

PROJECT UNDERTAKEN BY: Centre d'Etudes Arctiques (C.N.R.S.) (E.H.E.S.S.)

RESEARCH CO-ORDINATOR: Jean Malaurie (Professeur),
Centre d'Etudes Arctiques

RESEARCHER(S): Anne Flouquet, Centre d'Etudes Arctiques

FINANCIAL SUPPORT: Centre d'Etudes Arctiques, Université de Paris

PURPOSE: After having collected, compared and analysed all the available information about the coastal Mackenzie Delta populations from the first contacts till the middle of this century, the purpose is to outline historically the evolution of their cultural features.

The main object is to show:

- a) how the original groups were living in the limits of their territories, depending on specific resources which their material and spiritual culture corresponds to;
- b) what kind of reactions they had when they were confronted with so many changes in a very short space of time (50 years): the coming of the traders, missionnaries, whalers, policemen, other Eskimo groups from the west and the east; and with them, the appearance of new techniques and ideologies which brought changes in the relation between the hunters and the land, between the hunters and the game, etc.

METHODOLOGY:

- a) systematic reading of all kinds of documents about the Mackenzie Delta area and above all reports about meeting and staying with the inhabitants;
- b) setting up a system of subject cards;
- c) treatment of these cards according to cartography.
- d) comments and thoughts arising from this special way of treating the information.

In addition, the researcher did field studies in the Mackenzie Delta area (summers 1977 and 1979) among the Inuit populations of Tuktoyaktuk, Inuvik, Paulatuk and Sachs Harbour in order to ask the oldest people about the past and the memories they have about territorial occupation and way of life and of visiting the old and now abandoned site

FINDINGS:

Confirmation or invalidation of some information gleaned from published works during fieldwork in 1977 and 1979. New questions about the pre-contact period with the help of archaeological discoveries in the area

Deepening of the knowledge about social and economic features of the different groups living along the shore of the Beaufort Sea and about the way they changed

CONTACT:

Jean Malaurie (Professeur)
Directeur de Recherches
Centre National de la Recherche Scientifique
Centre d'Etudes Arctiques
19, rue Amélie,
75007 Paris, France
Tel.: 550-2983 (or 2984)

INUIT: ETHNOPSYCHOLOGY

Card no. 1543

PROJECT TITLE: INUIT ETHNOPSYCHOLOGY

GEOGRAPHIC LOCATION OF PROJECT: Gjoa Haven, Back River, Pangnirtung, Qipisa, Northwest Territories

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH CO-ORDINATOR: Jean L. Briggs, Memorial University

RESEARCHER(S): Jean Briggs

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To study the value socialization, interpersonal games, interpersonal dynamics generally and ethnotheory of personality of the Inuit

METHODOLOGY: Participant observation

PROJECT BEGUN: 1963

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Aspects of Inuit Value Socialization, Mercury Series, National Museum, 1979, by Jean L. Briggs

CONTACT: Jean L. Briggs
Department of Anthropology
Memorial University of Newfoundland
St. John's, Newfoundland

INUIT: HISTORY

Card no. 1589

PROJECT TITLE: "INUIT - A WAY OF LIFE": A CULTURAL HISTORY

GEOGRAPHIC
LOCATION OF
PROJECT:
Northern Canada

PROJECT
UNDERTAKEN BY: Carleton University

RESEARCH
CO-ORDINATOR: George Swinton

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To research and interpret the cultural prehistory of the Inuit based on visual and ethnographic records (art, artifacts, archaeological data, and ethnographic material)

To document, largely visually, the prehistory of the Inuit and their ancestors, and research and chronicle an updated and decisive overview of the evolution and manifestation of the material/intellectual cultures of the Inuit

PROJECT
BEGUN: 1978

ANTICIPATED
COMPLETION: On-going

CONTACT: George Swinton
Department of Art History
Carleton University
Ottawa, Ontario

INUIT: KINSHIP: ECOLOGY

Card no. 1454

PROJECT TITLE: EAST BAFFIN ISLAND KINSHIP STUDY

GEOGRAPHIC LOCATION OF PROJECT: East Baffin Island, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: George Wenzel, McGill University, Center for Northern Studies and Research

FINANCIAL SUPPORT: Federal Government

PURPOSE: To undertake a study of kinship as a demographic and ecological integrator among the Inuit of the East Baffin Island coast from 1920 to 1960

METHODOLOGY: This study will involve:

- (i) Investigating the relationships between organizational directives inherent in the kinship system and the formation of temporary and long term residential aggregates in the region from Home Bay to Buchan Gulf/Coutts Inlet;
- (ii) Developing a model of local Inuit movement, settlement and resource use based on the physical, biological and social conditions particular to this region; and,
- (iii) Examining inter-group relations both within and beyond the study area

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: January 1981

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

INUIT: LITERATURE: CURRICULUM

Card no. 1523

PROJECT TITLE: THE DEVELOPMENT OF WRITTEN INUIT LITERATURE IN CANADA

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: University of Western Ontario, Department of English

RESEARCH CO-ORDINATOR: James Reaney, University of Western Ontario

RESEARCHER(S): Robin Gedalof

FINANCIAL SUPPORT: Federal Government and University

PURPOSE To document existing written Inuit literature. To trace its development from the oral tradition. To consider the possibility of using existing Inuit language material for developing curriculum

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: 1981, Ph.D. Thesis

REPORTS AND PUBLICATIONS:

A Bibliography of Canadian Inuit Literature, Department of Indian Affairs, 1978

Paper Stays Put; a Collection of Inuit Writing, Hurtig, 1980

CONTACT:

Robin Gedalof
591 Princess Avenue
London, Ontario
N6B 2C1

39:266
(*410)

INUIT: MISSIONARY ACTIVITY

Card no. 1415

PROJECT TITLE: THE ROLE OF ANGLICAN MISSIONARIES IN THE CANADIAN EASTERN ARCTIC, 1894-CA. 1950

GEOGRAPHIC LOCATION OF PROJECT: Baffin Island, Hudson Bay

PROJECT UNDERTAKEN BY: Champlain Regional College

RESEARCH CO-ORDINATOR: Robert G. Mayes, Champlain Regional College

PURPOSE: To analyze the role of missionaries in the ecological and spatial reorganization of Inuit society during the fur trade period

METHODOLOGY: Analysis of primary material (letters, reports, journals) written by missionaries and now held in public and church archives

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Robert G. Mayes,
Department of Geography
Champlain Regional College
Lennoxville, Quebec J1M 2A1
Tel.: (819) 563-6881

39:78.031.71
(*450)

INUIT: MUSIC

Card no. 1457

PROJECT TITLE: INUIT MUSICAL CULTURE IN THE KEEWATIN DISTRICT

GEOGRAPHIC LOCATION OF PROJECT: Eskimo Point and Baker Lake, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Ramon Pelinski, University of Montreal, Department of Music

FINANCIAL SUPPORT: Federal Government

PURPOSE: To undertake a study of the Inuit musical culture in the Keewatin district

METHODOLOGY:

- (i) Collection of additional information on the verbalization of music among the Padleirmiutak and Ahiaermiutak and on the cultural context in which musical activities occur in Eskimo Point, Northwest Territories and,
- (ii) Collection, transcription, transliteration, translation and analysis of songs and throat games in Baker Lake, Northwest Territories

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: May 1981

CONTACT:

Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

39:78.031.71
(*440)

INUIT: MUSIC

Card no. 1458

PROJECT TITLE: COPPER ESKIMO MUSIC

GEOGRAPHIC LOCATION OF PROJECT: Holman Island, Victoria Island, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Jean François Le Mouel, Laboratoire d'Ethnologie, Musée de l'Homme, Paris, France

RESEARCHER(S): Francoise Bouchard

FINANCIAL SUPPORT: Federal Government

PURPOSE: To record on tape traditional Copper Eskimo songs

PROJECT BEGUN: September 1980

ANTICIPATED COMPLETION: March 1981

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

INUIT: PREGNANCY

Card no. 1416

PROJECT TITLE: FACTORS ASSOCIATED WITH HIGH-RISK PREGNANCIES IN CANADIAN INUIT

GEOGRAPHIC LOCATION OF PROJECT: Keewatin and Baffin Zones of the Northwest Territories

PROJECT UNDERTAKEN BY: Department of Health and Welfare, Medical Services Branch

RESEARCH CO-ORDINATOR: Dr. Alan I. Murdock, Health and Welfare Canada

PURPOSE: To examine the potential use of published systems for scoring risk factors in pregnancy in the context of recent experience in a high-risk population - the Canadian Inuit living in the Keewatin and Baffin Zones of the Northwest Territories

METHODOLOGY: Antenatal risk factors and management problems during labour and delivery were examined for 414 consecutive deliveries in the interval between January 1, 1975 and December 30, 1977. The applicability of three risk scoring systems for antenatal use was evaluated. Pregnancies were categorized as being high, moderate or low risk according to the authors' published criteria. Tests for statistical validity in predicting the outcome of pregnancy were examined in terms of risk categorization

FINDINGS: Antepartum factors that indicated a significantly increased risk of problems during labour or delivery, or both, were identified. The study showed that at least three of the currently used systems for scoring risk factors in pregnancy are not appropriate for use in the Eastern Arctic

PROJECT BEGUN: January 1977

PROJECT COMPLETED: December 1978

REPORTS AND PUBLICATIONS: "Factors Associated with High-Risk Pregnancies in Canadian Inuit". Canadian Medical Association Journal, Vol. 120 pp 219-94. February 3, 1979

CONTACT:

Dr. Alan I. Murdock
Child and Maternal Care,
Medical Services Branch,
Department of Health and Welfare
Rm. 1916, Jeanne Mance Bldg.
Tunney's Pasture,
Ottawa, Ontario
K1A 0L3
Tel.: (613)996-8845

INUIT: SOCIAL LIFE

Card no. 1456

PROJECT TITLE: SOCIAL ORGANIZATION AMONG THE IKPIARJUNGMIUT

GEOGRAPHIC LOCATION OF PROJECT: Arctic Bay, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Christopher Trott, University of Toronto, Department of Anthropology

FINANCIAL SUPPORT: Federal Government

PURPOSE: To undertake a study of the social organization among the Ikpiarjungmiut of Arctic Bay, Northwest Territories through a terminological analysis of social relations

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: April 1982

CONTACT: Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
K1A 0M8
Tel.: (613) 996-4540

39:30
(*430) (*38)

INUIT: SOCIOLOGY

Card no. 1560

PROJECT TITLE: COMPARATIVE STUDY OF SOCIAL CHANGE AMONG THE INUIT OF THE NORTHWEST TERRITORIES AND GREENLAND

GEOGRAPHIC LOCATION OF PROJECT: Coppermine, Northwest Territories and Umanak, Greenland

PROJECT UNDERTAKEN BY: Jette Ashlee, University of Cambridge

FINANCIAL SUPPORT: Government of Denmark and Arctic Institute of North America

PURPOSE: To compare the directions of social change between two formerly similar cultures

METHODOLOGY: Comparative study

ANTICIPATED COMPLETION: May 1981, Ph.D. dissertation

CONTACT: Jette Ashlee
Northern Social Research Division
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9120

784.4 (Inuit)
(*41N)

INUIT: SONGS

Card no. 1586

PROJECT TITLE: COMPARATIVE COMPUTER ANALYSIS OF INUIT SONGS

GEOGRAPHIC
LOCATION OF
PROJECT: Northern Canada

PROJECT
UNDERTAKEN BY: Université de Montréal

RESEARCH
CO-ORDINATOR: Ramon Pelinsky

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To do a computer analysis of Inuit songs:

- 1) To carry out a pilot project with a reduced sample of 80 songs, in order to determine the validity of the project
- 2) Depending on the results of the pilot project, a comparative statistical analysis of different style of Inuit music in Canada, Alaska and Greenland could be done

PROJECT
BEGUN: 1979

ANTICIPATED
COMPLETION: 1980

REPORTS AND
PUBLICATIONS: A Comparative Computer Analysis of Eskimo Monodies, by R. Pelinsky, L. Logrippo, P. Hickey and E. Strong

CONTACT:
Ramon Pelinsky
Faculté de Musique
Université de Montréal
C.P. 6128, Succ. "A"
Montréal, Québec
H3C 3J7

INUIT: URBAN SETTING

Card no. 1682

PROJECT TITLE: INUIT IN THE SOUTH

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Inuit Tapirisat of Canada

RESEARCH CO-ORDINATOR: Marsha Kaplansky

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate the experiences of Inuit who have lived or do live in the South, to identify problem areas, particularly related to problems of adjustment, and to prepare a handbook of information to prepare and help Inuit who live in the South, particularly those who live in Southern Canadian cities

METHODOLOGY: Informal research involving interviews with Inuit in the South. Formal research into existing literature on Inuit in the South

PROJECT BEGUN: March 1979

ANTICIPATED COMPLETION: On-going

CONTACT: Marsha Kaplansky
Inuit Tapirisat of Canada
3rd Floor, 176 Gloucester
Ottawa, Ontario
K2P 0A6
Tel.: 238-8181

39:369.4
(*440)

INUIT: YOUTH GROUPS

Card no. 1421

PROJECT TITLE: BORN TOO LATE

GEOGRAPHIC LOCATION OF PROJECT: Igloolik, Northwest Territories

PROJECT UNDERTAKEN BY: Carleton University, Department of Sociology and Anthropology

RESEARCH CO-ORDINATOR: Graham Rowley, Carleton University

RESEARCHER(S): Leslie Smith and Diane Latta-Irngaut
M.A. Graduate students

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: An introductory field trip to formulate the basis of a research proposal for a graduate course in Anthropology which would further develop into a masters thesis proposal

METHODOLOGY: Observation/participation; interviews

FINDINGS: Inuit youths are not "marginal" but rather their community is marginal. A study is proposed for further research of the socio-economic structures of marginality within the community and the position of Inuit youth within these structures

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: 1979

REPORTS AND PUBLICATIONS: Research proposal: Inuit Youth in a Marginal Community: A CASE Study of Igloolik, N.W.T., by Leslie Smith and Diane Latta-Irngaut. April 1979

CONTACT: Leslie Smith
400 Slater St.
Apt. # 304,
Ottawa, Ontario
K1R 7S7

Diane Latta-Irngaut
Igloolik, N.W.T.
X0A 0L0

39:369.4
(*410)

INUIT: YOUTH GROUPS

Card no. 1646

PROJECT TITLE: INUIT TEENAGERS' PERCEPTION OF THE MODERN WORLD

GEOGRAPHIC LOCATION OF PROJECT: Resolute Bay and Frobisher Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH CO-ORDINATOR: Sally Cole

RESEARCHER(S): Sally Cole

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To undertake a study of how Inuit teenagers see themselves in the modern world and how it affects their lives

METHODOLOGY: Interviews

PROJECT BEGUN: August 1980

CONTACT: Sally Cole
Department of Anthropology
Memorial University of Newfoundland
St. John's, Newfoundland

JAMES BAY HYDROELECTRIC PROJECT: LAND USE PLANNING

Card No. 1661

PROJECT TITLE: DEVELOPMENT AND PLANNING OF THE JAMES BAY TERRITORY

GEOGRAPHIC LOCATION OF PROJECT: James Bay Territory

PROJECT UNDERTAKEN BY: James Bay Development Corporation

RESEARCH CO-ORDINATOR: Georges Gantcheff and Raymond Bergeron, James Bay Development Corporation

FINANCIAL SUPPORT: Federal Government and James Bay Development Corporation

PURPOSE: To analyse the actual situation of the James Bay territory in order to forecast the evolution of the development

METHODOLOGY: Preparation of eight "inventory" documents; preparation of problematical files and scenarios for the "resources" sectors, and integration of all material

FINDINGS: Natural resources territory highly affected by the hydroelectric development

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Orientation du développement et de l'aménagement du territoire de la Baie James, Société de développement de la Baie James, juin 1980

CONTACT: Georges Gantcheff
Directeur, Environnement et
Aménagement du Territoire
Société de développement de la Baie James
Bureau 2200
Boul. de Maisonneuve
800 est, Montréal, Québec
Tel.: 284-0270, poste 177-179

PROJECT TITLE: EVALUATION OF THE NATIVE COURTWORKER PROGRAMME

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Department of Justice

FINANCIAL SUPPORT: Federal Government

PURPOSE: To evaluate the effect of the Native Courtworker Program on the administration of justice to native peoples. The native courtworker programmes are funded by the Department of Justice in conjunction with the provinces and territories. The evaluation will study the effectiveness of the various projects in meeting their goals, their efficiency, the nature of the programmes

METHODOLOGY: Design of a data base and evaluation format for implementing across Canada. The project will monitor the programmes on an on-going basis with input from courtworkers. Periodic special studies will be conducted in particular regions

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: On-going

CONTACT: Robert J. Wilson
Director
Evaluation and Statistics Section
Department of Justice
Ottawa, Ontario
K1A 0H8
Tel.: (613) 992-0594

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JUSTICE ADMINISTRATION: HISTORY

Card No. 1656

PROJECT TITLE: HISTORICAL ANALYSIS OF CORRECTIONS IN THE NORTHWEST TERRITORIES

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Northern Social Research Division

RESEARCH CO-ORDINATOR: Harold Finkler

RESEARCHER(S): Harold Finkler

FINANCIAL SUPPORT: Federal Government

PURPOSE: To conduct a review/description of the historical development of corrections in the Northwest Territories. To analyse correctional statistics for the period 1967-1980. To contribute to a further understanding of the administration of criminal justice in the Northwest Territories

PROJECT BEGUN: May 1979

ANTICIPATED COMPLETION: On-going

CONTACT:
Harold Finkler
Northern Social Research Division
Northern Co-ordination and Social Development Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9666

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LAKES: WATER LEVELS

Card no. 1475

PROJECT TITLE: MACKENZIE DELTA LAKE REGIME STUDY

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Delta

PROJECT UNDERTAKEN BY: Environment Canada, Snow and Ice Division, Northern Hydrology Section

RESEARCH CO-ORDINATOR: John C. Anderson, Environment Canada

RESEARCHER(S): John C. Anderson, C.P. Lewis

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine water level regimes of a variety of lakes in the Mackenzie Delta under existing Mackenzie River flow conditions, in order to assess the impact of possible increased flow regulation upon delta lakes

METHODOLOGY: Commenced instrumentation of selected lakes in 1980: staff gauges, time-lapse cameras

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: On-going

CONTACT: John C. Anderson
Snow and Ice Division
Environment Canada
Ottawa, Ontario
K1A 0E7
Tel.: 997-2385

LAND USE: LAND USE REGULATIONS

Card no. 1437

PROJECT TITLE: NORTHERN SASKATCHEWAN LAND USE

GEOGRAPHIC LOCATION OF PROJECT: Northern Saskatchewan

PROJECT UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCHER(S): Ray Begrard

FINANCIAL SUPPORT: Provincial Government

PURPOSE:

- (1) To summarize land use issues and conflicts
- (2) To review land use regulations and gaps
- (3) To review land classification systems and associated methodologies
- (4) To identify the status and implication of land entitlements for the five bands in the Northern Administration District

METHODOLOGY: Review and analyze secondary source materials as well as contact various people in government and academic communities

PROJECT BEGUN: July 1979

ANTICIPATED COMPLETION: January 1980

REPORTS AND PUBLICATIONS: Land Use in Northern Saskatchewan, Institute for Northern Studies, January 1980

CONTACT: Jeff Whiting,
Saskatchewan Research Council,
University of Saskatchewan,
Saskatoon, Saskatchewan
S7N 0W0

LAND USE: NATURAL RESOURCES

Card no. 1708

PROJECT TITLE: LAND AND RESOURCE USE IN SOUTHERN COASTAL LABRADOR

GEOGRAPHIC LOCATION OF PROJECT: Labrador Coast from Sandwich Bay to Blanc Sablon

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Labrador Institute of Northern Studies

RESEARCH CO-ORDINATOR: Lawrence Jackson, Memorial University of Newfoundland

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To document the nature and extent of traditional and contemporary resource harvesting by residents of Southern Labrador in the areas of hunting, trapping, commercial fishing, wood-cutting and berry picking, inland and along the coast

METHODOLOGY: Coastal residents (usually young people), were hired to interview hunters, trappers and fishermen concerned their commercial and subsistence harvest activities. Areas of use were recorded on maps and interviews were taped. Maps are now being compiled and refined

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: June 1981

CONTACT: Lawrence Jackson
Labrador Institute of Northern Studies
Memorial University of Newfoundland
Box 309, Station "A"
Goose Bay, Labrador
Tel.: 896-2978

LAND USE PLANNING

Card No. 1662

PROJECT TITLE: NORTHERN SHORE ZONE MANAGEMENT (II)

GEOGRAPHIC LOCATION OF PROJECT: North Slope Burrough, Alaska

PROJECT UNDERTAKEN BY: Norman Dale, Consultant, Halifax

RESEARCH CO-ORDINATOR: Ronald D. Bailey, Water Management Section, Department of Indian and Northern Affairs

RESEARCHER(S): Norman Dale

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate, review and assess the North Slope Burrough's attempt to plan and manage their ocean shore zone in the Beaufort Sea Region

METHODOLOGY:

1. Describe planning relating to: (a) development of offshore energy resources, (b) transportation and harbor development (c) changing land ownership patterns
2. Describe how local and native groups have been integrated into planning process
3. Describe expected changes in permitting processes to accommodate plan

PROJECT BEGUN: August 1980

ANTICIPATED COMPLETION: March 1981

REPORTS AND PUBLICATIONS: Northern Shore Zone Management, by Norman Dale March 1979

CONTACT:

Ronald D. Bailey
Water Management Section
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0559

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LAND UTILIZATION

Card no. 1473

PROJECT TITLE: NORTHERN LAND USE INFORMATION SERIES

GEOGRAPHIC LOCATION OF PROJECT: North Baffin, Lancaster Sound, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Lands Directorate and Department of Indian and Northern Affairs, Northern Environmental Protection Branch

RESEARCH CO-ORDINATOR: Garry G. McLean, Environment Canada, Lands Directorate and D.M. Barnett, Department of Indian and Northern Affairs

RESEARCHER(S): J. Moore, J. Reid, R. Decker, G. MacDonald, B. Stewart

FINANCIAL SUPPORT: Federal Government

PURPOSE: To provide environmental data in a convenient format to assist in land use planning and management

METHODOLOGY: The maps present available information on native land use, archaeological and historical sites, wildlife habitat, fisheries, forestry and recreational potential, townsites and industrial development location; all on topographic base at a scale of 1:250,000

FINDINGS: Research findings are published on the Land Use Information Map Series. Additional information is available from "handbooks" published in the Environmental studies series (DIAND) e.g. ES8, 10, 11, 17

PROJECT BEGUN: 1972

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Northern Land Use Information Series. Areas 1 to 7 in the index. Summer 1980. Area 8, 31 maps at a scale 1:250,000 for Wager Bay - Back Lowland. Map distribution: Canada Map Office, Department of Energy Mines and Resources, Ottawa, K1A 0E9

CONTACT:

Garry G. McLean
Lands Directorate
Environment Canada
Ottawa, Ontario
K1A 0E7
Tel.: 997-2240

or

D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection
Branch
Northern Affairs Program
Department of Indian and Northern
Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

711:59
(*440)

LAND UTILIZATION: WILDLIFE

Card no 1633

PROJECT TITLE: LAND USE AND WILDLIFE RESOURCES IN HOLMAN, COPPERMINE AND CAMBRIDGE BAY

GEOGRAPHIC LOCATION OF PROJECT: Holman, Coppermine and Cambridge Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Kluane Consulting

RESEARCH CO-ORDINATOR: Roy Jacobson, Kluane Consulting

FINANCIAL SUPPORT: Industry

PURPOSE: To undertake a study of how the land and its resources (wildlife principally) are utilized in the day to day life of the residents of the communities

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: September 1980

CONTACT: Roy Jacobson
Kluane Consulting
Box 1267
Yellowknife, Northwest Territories

809.712:
801.321.1
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LANGUAGE, ATHAPASKAN: DICTIONARY

Card no. 1469

PROJECT TITLE: SLAVEY VERB DICTIONARY

GEOGRAPHIC LOCATION OF PROJECT: Fort Simpson, Fort Liard, Hay River, Northwest Territories

PROJECT UNDERTAKEN BY: Government of the Northwest Territories, Department of Education

RESEARCH CO-ORDINATOR: P.G. Howard, Government of the Northwest Territories

RESEARCHER(S): Margaret Howard, Ted Trindell and Andy Norwegian

FINANCIAL SUPPORT: Federal Government and Territorial Government

PURPOSE: To produce an accurate listing of the verbs of the southern Slavey dialect, including extensive but not exhaustive information on inflections, derivations, etc. To include about 3,000 verbs

METHODOLOGY: Compilation and classification of data collected over many years; elicitation of new data; exhaustive checking and re-checking of the data

PROJECT BEGUN: January 1978

ANTICIPATED COMPLETION: December 1980

CONTACT:
P.G. Howard
Department of Education
Government of the Northwest Territories
Yellowknife, Northwest Territories
X1A 2L9
Tel.: (403) 873-7692

LANGUAGE, BEAVER: RADIO DOCUMENTARY

Card no. 1571

PROJECT TITLE: BEAVER INDIAN SOUND TRADITIONS

GEOGRAPHIC LOCATION OF PROJECT: Northeast British Columbia

PROJECT UNDERTAKEN BY: University of British Columbia, Department of Anthropology

RESEARCH CO-ORDINATOR: W.R. Ridington

RESEARCHER(S): Jillian Ridington, Howard Broomfield

FINANCIAL SUPPORT: University

PURPOSE: Collection of field recordings suitable for documentary production

METHODOLOGY: Field recordings

FINDINGS: Radio documentaries

PROJECT BEGUN: June 1979

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: CBC Radio Documentary for Our Native Land and The Humby Collection

CONTACT: W.R. Ridington
Department of Anthropology
University of British Columbia
Vancouver, British Columbia
V6T 2B2
Tel.: 228-4389

80:37
(*410)

LANGUAGE: EDUCATION

Card no. 1632

PROJECT TITLE: INVESTIGATION OF THE ACQUISITION OF CERTAIN LINGUISTIC STRUCTURES WHEN TRYING TO LEARN A SECOND LANGUAGE

GEOGRAPHIC LOCATION OF PROJECT: Frobisher Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Université de Montréal, Faculté des sciences de l'éducation

RESEARCH CO-ORDINATOR: Alison d'Anglejan, Université de Montréal

RESEARCHER(S): Alison d'Anglejan, R. Singh, I. Mazurkevich

FINANCIAL SUPPORT: University

PURPOSE: To investigate the acquisitions of certain linguistic structures in English by French Canadian high school students who are learning English as a second language. To carry out the same set of tests with a group of high school students, such as the Inuit, who are also learning English as a second language, but who are from a completely different language family. In this way it will be possible to compare the unconscious learning strategies used by the two groups

METHODOLOGY: Written test, test of intuitive judgements to sentences which are presented in writing, and a listening comprehension test

PROJECT BEGUN: January 1980

CONTACT: Alison d'Anglejan
Faculté des sciences de l'éducation
Université de Montréal
Case Postale 6203, Succursale A
Montréal, (Québec)
H3C 3T3

LANGUAGE: EDUCATION: NATIVE PEOPLE

Card no. 1714

PROJECT TITLE: LANGUAGE OF EDUCATION: POLICY SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Eight Cree Communities in Northern Quebec: Great Whale River, Fort George (Chisaibi), Wllminji (Paint Hills), East-main, Rupert House, Nemiscau, Mistassini, Waswanipi

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH CO-ORDINATOR: Adrian Tanner, Memorial University of Newfoundland

RESEARCHER(S): Adrian Tanner

FINANCIAL SUPPORT: Native Association

PURPOSE: To evaluate the opinion of Cree communities to recent policy innovations in Cree language of instruction. To enquire into the expectations of parents regarding language education of their children at school. To evaluate various policies and objectives which might be followed by the Cree School Board. To formulate policy concerning teaching in the Cree Language and the teaching of English and French

METHODOLOGY:

- Questionnaire interviews with parents
- Interviews with School Committee members, school teachers, school board administrators
- Investigation of the recent changes made in the Cree educational system - Interviews with Educational Administrators

PROJECT BEGUN: January 1981

ANTICIPATED COMPLETION: June 1981

CONTACT: Adrian Tanner
Cree School Board
Rupert House, Quebec
J0M 1R0

809.475
(*410) (*381)

LANGUAGE: INUIT

Card no. 1463

PROJECT TITLE: ANTHROPOLOGY OF THE INUIT LANGUAGE: SEMANTIC CHANGES AND DIGLOSSIA IN EASTERN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Canadian Eastern Arctic and Eastern Greenland

PROJECT UNDERTAKEN BY: Université Laval, Département d'Anthropologie

RESEARCH CO-ORDINATOR: Louis-Jacques Dorais, Université Laval

RESEARCHER(S): Louis-Jacques Dorais

FINANCIAL SUPPORT: University

PURPOSE: To compare socio-linguistic changes in Eastern Greenland with changes in the Eastern Arctic

PROJECT BEGUN: September 1979

ANTICIPATED COMPLETION: 1984

CONTACT: Louis-Jacques Dorais
Département d'Anthropologie
Université Laval
Québec, Québec
G1K 7P4
Tel.: 656-7596

809.475
(*622)

LANGUAGE: INUIT

Card no. 1537

PROJECT TITLE: AFFIXATION IN INUKTITUUT AND ITS IMPACT UPON MEETING THE NEEDS OF MODERN LIFE

GEOGRAPHIC LOCATION OF PROJECT: Ungava region

PROJECT UNDERTAKEN BY: McGill University, Department of Linguistics

RESEARCH CO-ORDINATOR: Nicole Domingue, McGill University

RESEARCHER(S): Janet Weinroth

FINANCIAL SUPPORT: University

PURPOSE: Linguistic analysis of a morphological problem in the language

METHODOLOGY: Study of the literature on affixation in Inuktituut; creation of a corpus for the dialects of Kujjuaq and Sugluk; analysis of this corpus

PROJECT BEGUN: 1978-79

ANTICIPATED COMPLETION: 1981, M A. Thesis

CONTACT: Janet Weinroth
316 Cote St. Antoine
Montreal, Quebec
Tel.: (514) 935-7795

809.475
(*423)

LANGUAGE: INUIT

Card no. 1587

PROJECT TITLE:

LABRADOR INUTTUT SYNTAX

GEOGRAPHIC
LOCATION OF
PROJECT:

Labrador

PROJECT
UNDERTAKEN BY:

Memorial University of Newfoundland

RESEARCH
CO-ORDINATOR:

Lawrence Smith, Memorial University of Newfoundland

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

To investigate the sentence structure of the Labrador dialect of Inuktitut. This instrumental analysis will aid in the grammatical analysis of text and is of particular interest with regard to discovering the conventional rules of punctuation of Labrador Inuttut; it will provide basic research that needs to be done in order to teach Inuttut more effectively as a second language

METHODOLOGY:

Biographies and narratives obtained in written and verbal form will be computerized as a data base. Various computer-produced sorts and concordances will then be used in conjunction with traditional field work to discover grammatical generalizations. The data will be written in phonemic transcription, and complemented with instrumentally produced prosodic transcriptions

PROJECT
BEGUN:

1979

ANTICIPATED
COMPLETION:

1980

CONTACT:

Lawrence Smith
Department of Linguistics
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3X9
Tel.: 753-1200

809.475
(*440)

LANGUAGE: INUIT

Card no. 1623

PROJECT TITLE: INUKTITUT SUFFIX HANDBOOK STUDY

GEOGRAPHIC LOCATION OF PROJECT: Coppermine, Northwest Territories

PROJECT UNDERTAKEN BY: Institut for Eskimologi, Københavns Universitet

RESEARCH CO-ORDINATOR: Michael Fortescue

RESEARCHER(S): Michael Fortescue

FINANCIAL SUPPORT: Danish Research Council

PURPOSE: To undertake a study of productive suffixes in the Inuktitut Language to produce a handbook on the interdialect differences in these suffixes and, to promote better communications between Inuit groups in circumpolar countries

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Michael Fortescue
Institut for Eskimologi
Københavns Universitet
Norregade 20
1165 København K, Denmark

809.475
(*440)

LANGUAGE: INUIT

Card no. 1649

PROJECT TITLE: GRAMMATICAL ANALYSIS OF THE INUKTITUT LANGUAGE

GEOGRAPHIC LOCATION OF PROJECT: Rankin Inlet, Northwest Territories

PROJECT UNDERTAKEN BY: University of Western Ontario, Department of Anthropology

RESEARCH CO-ORDINATOR: Marion Johnson

RESEARCHER(S): Marion Johnson

FINANCIAL SUPPORT: Federal Government

PURPOSE: To continue a grammatical analysis study program of the Inuktitut language

ANTICIPATED COMPLETION: On-going

CONTACT: Marion Johnson
Department of Anthropology
University of Western Ontario
London, Ontario
N6A 5C2

809.475:801.321.1
(*410)

LANGUAGE, INUIT: DICTIONARY

Card no. 1464

PROJECT TITLE: ENGLISH TRANSLATION AND COMPUTERIZATION OF L. SCHNEIDER'S "DICTIONNAIRE ESQUIMAU-FRANÇAIS DE L'UNGAVA"

GEOGRAPHIC LOCATION OF PROJECT: Canadian Eastern Arctic

PROJECT UNDERTAKEN BY: Association Inuksiutiit Katimaviit Inc.

RESEARCH CO-ORDINATOR: Louis-Jacques Dorais, Université Laval

RESEARCHER(S): Dermot R.F. Collis

FINANCIAL SUPPORT: Federal Government

PURPOSE: To translate and computerize L. Schneider's dictionary in order to make it available to the English-speaking public

METHODOLOGY: Computer use

PROJECT BEGUN: February 1979

ANTICIPATED COMPLETION: December 1980

CONTACT: Louis-Jacques Dorais
Département d'Anthropologie
Université Laval
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(*440)

LANGUAGE, INUIT: DICTIONARY

Card no. 1544

PROJECT TITLE: UTKUHIKHALINGMIUT AND QIPISAMIUTITUT POSTBASE DICTIONARIES

GEOGRAPHIC LOCATION OF PROJECT: Gjoa Haven, Back River, Pangnirtung, and Qipisa, Northwest Territories

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Department of Anthropology

RESEARCH CO-ORDINATOR: Jean L. Briggs, Memorial University

RESEARCHER(S): Jean L. Briggs

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To prepare the Utkuhikhalingmiut and Qipisamiutitut postbase dictionaries

METHODOLOGY: Linguistic informants

PROJECT BEGUN: 1968

ANTICIPATED COMPLETION: On-going

CONTACT: Jean L. Briggs
Department of Anthropology
Memorial University of Newfoundland
St. John's, Newfoundland

LANGUAGE, NASKAPI: DICTIONARY

Card no. 1680

PROJECT TITLE: PREPARATION OF A DICTIONARY OF THE NASKAPI LANGUAGE

GEOGRAPHIC LOCATION OF PROJECT: Schefferville, Quebec

PROJECT UNDERTAKEN BY: Naskapi Development Corporation

RESEARCH CO-ORDINATOR: Elijah Einish

RESEARCHER(S): Donald Peastitute, Lara Martens, Marguerite MacKenzie

FINANCIAL SUPPORT: Provincial Government and Native Association

PURPOSE: To compile a dictionary (Naskapi-English-French) of the Naskapi language

METHODOLOGY: Informants and tests

FINDINGS: Approximately 8,000 words selected to date

PROJECT BEGUN: November 1979

ANTICIPATED COMPLETION: November 1982

CONTACT: Naskapi Development Corporation
Box 970
Schefferville, Québec
G0G 2T0
Tel.: (418) 585-2587

LEADERSHIP: EDUCATION

Card. no. 1424

PROJECT TITLE: COMMUNITY LEADERSHIP TRAINING: ORGANIZING FOR SELF-RELIANCE

GEOGRAPHIC LOCATION OF PROJECT: Sandy Bay, LaRonge, Pinehouse, Saskatchewan

PROJECT UNDERTAKEN BY: University of Regina, Faculty of Social Work

RESEARCH CO-ORDINATOR: Martin L. Cohnstaedt, Consultant, Professor of Sociology

RESEARCHER(S): Tom Ludwig, Lecturer, Faculty of Social Work, Community Organizer

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: The development of self-reliance, self-determination and the training of community leadership

METHODOLOGY: A resident organizer provided the local communities with opportunities for education and research

PROJECT BEGUN: January 1977

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Northern Saskatchewan: Opportunities In a Dilemma A preliminary Research Report. 1978
Value Conflict in Development. 1980

CONTACT: Martin L. Cohnstaedt,
Department of Sociology,
University of Regina,
Regina, Saskatchewan S4S 0A2
Tel.: (306)584-4571

Tom Ludwig or Harvey Stalwick,
Faculty of Social Work,
University of Regina,
Regina, Saskatchewan S4S 0A2

LOCAL GOVERNMENT

Card No. 1657

PROJECT TITLE: INDIAN LOCAL GOVERNMENT

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Ron Nadeau, University of Manitoba

RESEARCHER(S): Ron Nadeau

FINANCIAL SUPPORT: Federal Government

PURPOSE: To give a brief introduction to some of the concepts of Indian local government which have evolved since the end of the second World War

METHODOLOGY: Literature review and synopsis

PROJECT BEGUN: December 1979

ANTICIPATED COMPLETION: 1980

CONTACT:
Patricia Tighe
Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

LOCAL GOVERNMENT: ECONOMIC DEVELOPMENT

Card no. 1581

PROJECT TITLE: EASTERN ARCTIC STUDY

GEOGRAPHIC LOCATION OF PROJECT: Inuit Tapirisat land claim area

PROJECT UNDERTAKEN BY: Queen's University

RESEARCH CO-ORDINATOR: Katherine A. Graham, Queen's University, Institute of Local Government and C. George Miller, Queen's University, Centre for Resource Studies

RESEARCHER(S): Anne B. McAllister, Margot Wojciechowski, Sharon Brown

FINANCIAL SUPPORT: Private foundation

PURPOSE: To study the implications of the land claim of the Inuit Tapirisat of Canada for local governance and for industrial development

METHODOLOGY: Analysis of land claim settlement options and their implications for local governance and industrial development. Case studies of examples of past development impact on communities and possible approaches to future development

PROJECT BEGUN: November 1980

ANTICIPATED COMPLETION: January 1983

CONTACT: Katherine A. Graham
Principal Investigator
Eastern Arctic Study
c/o Institute of Local Government
Queen's University
Kingston, Ontario
K7L 3N6
Tel.: (613) 547-3292

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334
(*41N)

LOCAL GOVERNMENT: ECONOMIC DEVELOPMENT: COOPERATIVES

Card no. 1566

PROJECT TITLE: CANADA FUNDED DEVELOPMENT SYSTEMS: FIRST PHASE REPORT

GEOGRAPHIC LOCATION OF PROJECT: Northern Quebec, Canadian North, and Canada

PROJECT UNDERTAKEN BY: Policy Development Group Limited

RESEARCH CO-ORDINATOR: Gilberte Lavoie
Department of Indian and Northern Affairs

RESEARCHER(S): Walter Rudnicki, Policy Development Group Limited

FINANCIAL SUPPORT: Federal Government

PURPOSE: To survey and evaluate various forms of development systems in terms of their ability to achieve natives' objectives

METHODOLOGY: Analysis of the Northern Quebec situation with Makivik and the cooperatives. Survey of other organizations in Canada

PROJECT BEGUN: March 1979

ANTICIPATED COMPLETION: November 1979

REPORTS AND PUBLICATIONS: Canada Funded Development Systems: First Phase Report, November 1979, by Rudnicki, Walter

CONTACT: Gilberte Lavoie
Northern Regional Planning Division
Northern Economic Planning Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997 0660

LOCAL GOVERNMENT: ECONOMIC DEVELOPMENT: COOPERATIVES

Card no. 1567

PROJECT TITLE: CLAIMS FUNDED DEVELOPMENT SYSTEMS

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories and Alaska

PROJECT UNDERTAKEN BY: Donald Snowden Production Limited and Film/Video Communications Research and Productions

RESEARCH CO-ORDINATOR: Gilberte Lavoie, Department of Indian and Northern Affairs

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To analyse and evaluate pertinent experiences of native development corporations and other native oriented structures
- To develop guidelines and propose alternative forms of structure which would achieve the natives' objectives cited above

METHODOLOGY: Interview of organizational representatives, government officials and private individuals associated with developments in the Northwest Territories and Alaska. After an analysis of data, observation and guidelines will be undertaken

PROJECT BEGUN: January 1981

ANTICIPATED COMPLETION: September 1981

CONTACT:
 Gilberte Lavoie
 Regional Planning Division
 Northern Economic Planning Branch
 Northern Program
 Department of Indian and Northern Affairs
 Les Terrasses de la Chaudière
 Ottawa, Ontario
 K1A 0H4
 Tel.: (819) 997-0660

MARINE BIOLOGY

Card no. 1548

PROJECT TITLE: WINTER PHYTOPLANKTON IN DAVIS STRAIT

GEOGRAPHIC LOCATION OF PROJECT: Davis Strait

PROJECT UNDERTAKEN BY: Department of Fisheries and Oceans, Arctic Biological Station

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): J. Bunch, Fisheries and Oceans

FINANCIAL SUPPORT: Federal Government

PURPOSE: To work up samples obtained incidentally during the 1978 Eastern Arctic Marine Environmental Studies Program in Davis Strait which indicate unusually high winter abundances of phytoplankton in the area. Such concentrations are of extreme ecological significance and hitherto unrecorded for any arctic marine area

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: April 1979

REPORTS AND PUBLICATIONS: Microbiological Observations in South Davis Strait, Arctic Biological Station, Department of Fisheries and Oceans, April 1979

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

MARINE ECOLOGY

Card no. 1511

PROJECT TITLE: BIOLOGICAL OCEANOGRAPHY

GEOGRAPHIC LOCATION OF PROJECT: Frobisher Bay and adjacent waters, Baffin Island, Canadian Arctic Seas

PROJECT UNDERTAKEN BY: Fisheries and Oceans Canada, Arctic Biological Station

RESEARCH CO-ORDINATOR: E.H. Grainger, Arctic Biological Station

RESEARCHER(S): J.N. Bunch, E.H. Grainger, S.I.C. Hsiao, J.A. Percy and J.W. Wacasey

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To develop understanding of the major interactions within the Arctic marine ecosystem in order to predict the consequence of environmental disturbance, and to describe the environmental base of the resource species

METHODOLOGY: Field collections, laboratory analyses, in situ and laboratory experiments

PROJECT BEGUN: 1976

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Six reports on various subjects produced on Frobisher Bay studies since 1976

CONTACT: E.H. Grainger
Arctic Biological Station
Ste. Anne de Bellevue
Quebec
H9X 3R4
Tel.: (514) 457-3660

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MARITIME LAW: TRANSPORTATION: ENVIRONMENT CONSERVATION

Card no. 1676

PROJECT TITLE: **LEGAL ASPECTS OF MARITIME TRANSIT IN THE ARCTIC**

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: University of British Columbia, Faculty of Law

RESEARCH CO-ORDINATOR: D.M. McRae, University of British Columbia

RESEARCHER(S): John Goundrey

FINANCIAL SUPPORT: University

PURPOSE: To investigate the environmental implications of marine transit in the Arctic to determine whether existing laws are adequate and whether Canada has the jurisdiction under international law to regulate marine transit in the appropriate manner

METHODOLOGY: Survey of literature on environmental effects of marine transit in the Arctic, analysis of international and domestic laws and interview with government and industry officials

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: December 1981

CONTACT: D.M. McRae or John Goundrey
Faculty of Law
University of British Columbia
Vancouver, British Columbia
Tel.: (604) 228-3403

MINING: ECONOMIC DEVELOPMENT

Card no. 1697

PROJECT TITLE: CASHIM - A MINING CASHFLOW SIMULATION MODEL

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs

RESEARCH CO-ORDINATOR: Marcel St-Pierre, Department of Indian and Northern Affairs

RESEARCHER(S): Harmit Bajaj, Del Stewart and Marcel St-Pierre

FINANCIAL SUPPORT: Federal Government

PURPOSE: To assist in carrying out cashflow analysis of mining project or existing mining operation. It calculates production, revenue and expenses, corporate income tax, royalty, cashflow and measures of performance such as I.R.O.R. before and after tax, payback period, effective tax rates

METHODOLOGY: Model specifications were developed in house and consultant was hired to computerize the model

PROJECT BEGUN: November 1974

ANTICIPATED COMPLETION: February 1981

CONTACT:
Marcel St-Pierre
Resources Section
Northern Economic Planning
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0022

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MINING, IRON ORE

Card no. 1716

PROJECT TITLE: IRON ORE DUST SOURCE STUDY: GEOLOGICAL ASPECTS

GEOGRAPHIC LOCATION OF PROJECT: Labrador City, Wabush, Newfoundland and Labrador

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Labrador Institute of Northern Studies, Department of Engineering

RESEARCH CO-ORDINATOR: W. Campbell, Memorial University of Newfoundland

RESEARCHER(S): Dr. Tom J. Calon

FINANCIAL SUPPORT: Provincial Government

PURPOSE: Evaluation of mineral dust sources, and dust sources pertaining to mining operations in the iron ore mines of Western Labrador

METHODOLOGY: Petrological analysis and modelling of past and present mining operations with regard to output of minerals

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: October 1981

CONTACT: Dr. Tom J. Calon
Labrador Institute of Northern Studies
Department of Engineering
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3X5
Tel.: (709) 737-8398

MUSKOX: MIGRATION

Card no. 1501

PROJECT TITLE: BAILEY POINT AND OTHER MUSKOX REFUGIA IN THE CANADIAN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Bailey Point, Canadian Arctic

PROJECT UNDERTAKEN BY: Environment Canada, Canadian Wildlife Service

RESEARCH CO-ORDINATOR: Dr. G. Scotter, Canadian Wildlife Service, Wildlife Research and Interpretation Division

RESEARCHER(S): D.C. Thomas

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To continue to monitor changes in the numbers of muskoxen on Bailey Point, NWT which began in 1972
- To review the literature to identify areas with the highest concentrations of muskoxen in Canada

METHODOLOGY: Annual aerial surveys of Bailey Point to obtain a total count of numbers

FINDINGS: The number of muskoxen on Bailey Point remained relatively stable at 350 - 500 over the period 1972 - 1980

PROJECT BEGUN: 1972

ANTICIPATED COMPLETION: On-going

CONTACT:
D.C. Thomas
5320 - 122 Street
Edmonton, Alberta
Tel.: 435-7351

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591.51
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MUSKOXEN: BEHAVIOUR

Card no. 1679

PROJECT TITLE: THE ETHOLOGY OF MUSKOXEN

GEOGRAPHIC LOCATION OF PROJECT: Sverdrup Pass, Ellesmere Island and Polar Bear Pass, Bathurst Island

PROJECT UNDERTAKEN BY: National Museum of Natural Sciences

RESEARCH CO-ORDINATOR: David R. Gray, National Museum of Natural Sciences

FINANCIAL SUPPORT: Federal Government and World Wildlife Fund

PURPOSE: To document and describe the ethology (behaviour) of muskoxen

METHODOLOGY: Observational techniques and documentation through ciné film and sound recordings

PROJECT BEGUN: 1973

ANTICIPATED COMPLETION: 1981, Ph. D. Thesis

REPORTS AND PUBLICATIONS: "Movements and Behaviour of Tagged Muskoxen (*Ovibos moschatus*) on Bathurst Island, N.W.T.", *Musk-ox* 25, 1979, by Gray, David R.

CONTACT: David R. Gray
Assistant Curator, Vertebrate Ethology
National Museum of Natural Sciences
Ottawa, Ontario
K1A 0M8
Tel.: (819) 998-4141

NATIVE PEOPLE, ADMINISTRATION: TREATIES

Card no. 1701

PROJECT TITLE: INDIAN LEGISLATION

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Treaties and Historical Research Centre

RESEARCH CO-ORDINATOR: Treaties and Historical Research Centre

RESEARCHER(S): Gail Hinge

FINANCIAL SUPPORT: Federal Government

PURPOSE: To edit and update Part II of the four-part report entitled The Consolidation of Indian Legislation, prepared by Gail Hinge for the Office of Native Claims. This work focuses on the Indian Acts and their amendments

METHODOLOGY: The content of both volumes is arranged in chronological order. The various Indian Acts and their amending acts are reproduced in their entirety. All amending sections are underlined. Citations to the amending acts are given in the margin

ANTICIPATED COMPLETION: March 1981

REPORTS AND PUBLICATIONS: Volume I, Indian Acts and Amendments 1868-1950
Volume II, Contemporary Indian Legislation, Treaties and Historical Research Centre, Department of Indian and Northern Affairs

CONTACT: Treaties and Historical Research Centre
Corporate Policy
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4

NATIVE PEOPLE: DEMOGRAPHY: COMMUNITY PLANNING

Card no. 1423

PROJECT TITLE: ONTARIO METIS AND NON STATUS INDIANS. A DEMOGRAPHIC AND SOCIO-ECONOMIC PROFILE

GEOGRAPHIC LOCATION OF PROJECT: Rainy River - Kenora, Thunder Bay, Cochrane, Algoma and Sudbury, Simcoe, Renfrew, Nipissing and Parry Sound, Ontario

PROJECT UNDERTAKEN BY: Ministry of Culture and Recreation, Native Community Branch, Government of Ontario

RESEARCH CO-ORDINATOR: Pam Dalseg, Ministry of Culture and Recreation
Government of Ontario

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To provide more accurate statistics of Métis and Non Status people throughout Ontario and to use this community profile and demographic study as a tool in examining special need areas

METHODOLOGY: Native Community Branch field staff and summer students have been involved since May 1978 in compiling information for community profiles. Information was collected by interview on such variables as age, sex, composition of households, educational achievement, social welfare and labour force status as well as dwellings and facilities. The survey was designed as a universal canvass of all Métis and non Status Indians residing in each of the 66 localities selected. A random sample format was immediately discarded as we did not know how many people in each community belonged to our target group.

It was felt that only by identifying and locating 100% of the population under investigation could we render our findings valid; in effect we endeavoured to create a mini census of Métis and Non-Status Indians for each of the designated Indian centres

PROJECT BEGUN: May 1978

ANTICIPATED COMPLETION: August 1979

REPORTS AND PUBLICATIONS: 1980

CONTACT: Al Krucas
Ministry of Culture & Recreation
Native Community Branch
Government of Ontario
77 Bloor St. W., 5th Floor
Toronto, Ontario

NATIVE PEOPLE: ECONOMIC DEVELOPMENT

Card no. 1611

PROJECT TITLE: JAMES BAY CREEES - BAND ECONOMIC DEVELOPMENT PLANNING

GEOGRAPHIC LOCATION OF PROJECT: James Bay Region

PROJECT UNDERTAKEN BY: Peat, Marwick and Partners

RESEARCH CO-ORDINATOR: Norman Hawkins, Peat, Marwick and Partners

RESEARCHER(S): Ron Clutz

FINANCIAL SUPPORT: Native Organization

PURPOSE: To assess, in a general way, the economic and practical potential of various business development ideas and to identify the activities required to implement

METHODOLOGY: Action Research Group planning workshops during a general assembly

FINDINGS: Several regional enterprises and support structures were identified as well as 3-5 priority projects for each of the eight bands

PROJECT BEGUN: May 1978

ANTICIPATED COMPLETION: September 1978

REPORTS AND PUBLICATIONS: 1978 Cree General Assembly Workshop Results, Cree Regional Authority, September 1978

CONTACT: Norman Hawkins
Peat, Marwick and Partners
1155 Dorchester Blvd. West
Montreal, Quebec
H3B 2J9
Tel. (514) 879 3208

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NATIVE PEOPLE: ECONOMIC DEVELOPMENT: WILDLIFE

Card no. 1559

PROJECT TITLE: NATIVE ECONOMY - RENEWABLE RESOURCES, HARVESTING

GEOGRAPHIC LOCATION OF PROJECT: Baffin Region, Northwest Territories

PROJECT UNDERTAKEN BY: Baffin Region Inuit Association

RESEARCH CO-ORDINATOR: Arvin Jelliss, Department of Indian and Northern Affairs, Northern Economic Analysis Division

RESEARCHER(S): Baffin Region Inuit Association

FINANCIAL SUPPORT: Federal Government

PURPOSE: To carry out a quantitative assessment of the renewable resources harvest in the Baffin Region

METHODOLOGY: Recording of harvest totals by species for each individual or household unit for each community, according to designated time periods

PROJECT BEGUN: 1978-79; data collection commenced 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Arvin Jelliss
Northern Economic Analysis Division
Northern Economic Planning Branch
Northern Affairs Program
Department of Indian and Northern Affairs,
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel : (819) 997-0022

NATIVE PEOPLE: EDUCATION: DEMOGRAPHY

Card No. 1659

PROJECT TITLE: PATTERNS AND TRENDS OF UNIVERSITY ACHIEVEMENT OF INDIAN GRADUATES

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Debbie Martin

RESEARCHER(S): Debbie Martin

FINANCIAL SUPPORT: University

PURPOSE: To determine university achievement of Indian people living on reserves and those living off reserves

METHODOLOGY: Statistical analysis and compilation of data base. Patterns and trends examined with respect to number of Indian graduates by year, type of degree, distribution by Region, specialization, and sex for the period 1934 to 1977. Other factors include geographic location of band (urban, semi-urban, rural, remote), population size and the ratio of university graduates to band population aged 18 and over

PROJECT BEGUN: August 1979

CONTACT: Patricia Tighe
Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

NATIVE PEOPLE: ETHNOGRAPHY: BOTANY

Card no. 1453

PROJECT TITLE: ETHNOBOTANY OF THE SASKATCHEWAN CHIPEWYAN

GEOGRAPHIC LOCATION OF PROJECT: Fond du Lac and Black Lake, Northern Saskatchewan

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Robin Marles, University of Saskatchewan, Department of Biology

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the ethnobotany of the Chipewyan Indians in the vicinity of Stony Rapids, Fond du Lac and Black Lake, Saskatchewan

METHODOLOGY: This study will involve:

- (i) Recording ethnographic data on the preparation and use of plants for food and medicine and their religious significance;
- (ii) phonetically transcribing Chipewyan plant names;
- (iii) phytochemically screening plants of medicinal importance to the Chipewyan for the determination of classes of the chemical compounds known to have pharmaceutically active elements; and
- (iv) comparing the plant lore of the Chipewyan with that of the Fisherman Lake Slave and the Woods Cree to determine cultural, geographical and historical differences

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: April 1981

CONTACT: Pam Moncrieff
 Ethnographic Field Research Contract Programme
 Canadian Ethnology Service
 National Museum of Man
 National Museums of Canada
 OTTAWA, Ontario
 K1A 0M8
 Tel.: (613) 996-4540

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NATIVE PEOPLE: KINSHIP: DEMOGRAPHY

Card no. 1455

PROJECT TITLE: DENE KINSHIP STUDY

GEOGRAPHIC LOCATION OF PROJECT: Fort Liard, Northwest Territories

PROJECT UNDERTAKEN BY: National Museum of Man, Canadian Ethnology Service

RESEARCH CO-ORDINATOR: Jane Christian, University of Alabama, Department of Anthropology

FINANCIAL SUPPORT: Federal Government

PURPOSE: To update and complete a systematic analysis of the family and kinship network for the Dene community of Fort Liard, Northwest Territories and to detail and explain strategies on extensive demographic and socio-economic configuration

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: April 1981

CONTACT:
Pam Moncrieff
Ethnographic Field Research Contract Programme
Canadian Ethnology Service
National Museum of Man
National Museums of Canada
Ottawa, Ontario
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Tel.: (613) 996-4540

NATIVE PEOPLE: NON NATIVE ATTITUDES

Card no. 1702

PROJECT TITLE: AN OVERVIEW OF SOME RECENT RESEARCH ON ATTITUDES IN CANADA TOWARDS INDIAN PEOPLE

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Indian and Inuit Affairs Program

RESEARCH CO-ORDINATOR: Indian and Inuit Affairs Program

FINANCIAL SUPPORT: Federal Government

PURPOSE: To summarize seven public opinion research reports and their findings and provide an overview of public attitudes towards Indian people from a variety of standpoints. Significantly, the overview attempts also to highlight some factors which shape public attitudes towards Indian people and which consequently need to be taken into account by the Department in planning and formulating policy

ANTICIPATED COMPLETION: January 1980

REPORTS AND PUBLICATIONS: An Overview of Some Recent Research on Attitudes in Canada Towards Indian People, Indian and Inuit Affairs Program, Department of Indian and Northern Affairs, January 1980

CONTACT: Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

NATIVE PEOPLE: POLITICAL PHILOSOPHY

Card no. 1620

PROJECT TITLE: THE EVOLUTION OF NATIVE CANADIAN POLITICAL THOUGHT

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: University of Calgary, Northern Political Studies Program

RESEARCH CO-ORDINATOR: Roger Gibbins

FINANCIAL SUPPORT: University

PURPOSE: To trace the evolution of native Canadian political thought, and to explore the existing and possible political relationships between Native Canadians and the Canadian state. The research is comparative in the sense that native political thought in the north reflects a quite different environment, and is following a different path, than is native political thought in southern Canada

METHODOLOGY: Historical research

PROJECT BEGUN: January 1981

ANTICIPATED COMPLETION: Summer 1982

CONTACT: Roger Gibbins
Department of Political Science
University of Calgary
Calgary, Alberta
T2N 1N4
Tel: (403) 284-5921

NATIVE PEOPLE: RESERVES

Card No. 1658

PROJECT TITLE: CANADA'S INDIAN RESERVES: THE USUFRUCT IN OUR CONSTITUTION

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: William B. Henderson, Consultant

RESEARCHER(S): William B. Henderson

FINANCIAL SUPPORT: Federal Government

PURPOSE: To discuss the problems created by the use of the legal term usufruct as a means of describing Indian interests in their reserve lands. Further to this, an alternative framework for resolving constitutional conflicts between legislative powers and proprietary rights is suggested

METHODOLOGY: Review of pertinent constitutional cases. Historical and critical examination of the case law. Recommendations for deletion of the concept of usufruct from Canadian constitutional law

PROJECT BEGUN: October 1979

ANTICIPATED COMPLETION: February 1980

REPORTS AND PUBLICATIONS: Canada's Indian Reserves: The Usufruct in our Constitution, Research Branch, Corporate Policy, Indian and Inuit Affairs Program, Department of Indian and Northern Affairs, February 1980

CONTACT: Patricia Tighe
Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

NATIVE PEOPLE: ROYAL CANADIAN MOUNTED POLICE

Card no. 1695

PROJECT TITLE: YUKON INDIAN - POLICE RELATIONS

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: University of Canada North

RESEARCH CO-ORDINATOR: Ted Parnell

RESEARCHER(S): Jennie Jack

PURPOSE: To determine the attitudes of Indians, police and community resource personnel to one another. To identify problems, causes and possible solutions

METHODOLOGY: Informally administered questionnaire

PROJECT BEGUN: May 1979

ANTICIPATED COMPLETION: December 1979

REPORTS AND PUBLICATIONS: We Mean No Harm: Yukon Indian - Police Relations, Council for Yukon Indians, 1979

CONTACT: Social Development Department
Council for Yukon Indians
22 Nisutlin Drive
Whitehorse, Yukon

NATIVE PEOPLE, SELF-ADMINISTRATION

Card no. 1492

PROJECT TITLE: ORGANIZATION DESIGNS OF THE NORTH COAST TRIBAL COUNCIL

GEOGRAPHIC LOCATION OF PROJECT: Northwest British Columbia

PROJECT UNDERTAKEN BY: British Columbia Research Council

RESEARCH CO-ORDINATOR: Bill Warren, British Columbia Research Council

RESEARCHER(S): Bert Painter and Alan Sutton

FINANCIAL SUPPORT: Native Organization

PURPOSE: To design an organization structure and staffing to meet the needs of the seven Bands served by the North Coast Tribal Council

METHODOLOGY: A strategic planning process, employing field research and assessment of Band needs by members of the seven Bands specifically trained for this purpose

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: October 1980

CONTACT: Bert Painter
British Columbia Research Council
3650 Westbrook Mall
Vancouver, British Columbia
Tel.: (604) 224-4331

NATIVE PEOPLE: SOCIAL SURVEY

Card no. 1703

PROJECT TITLE: INDIAN CONDITIONS: A SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Indian and Inuit Affairs Program

RESEARCH CO-ORDINATOR: Indian and Inuit Affairs Program

FINANCIAL SUPPORT: Federal Government

PURPOSE: To document principal developments and trends in the social, economic and political conditions of Indians in Canada; to summarize available information on changes since the 1950's; to compare the Indian and national situations and present a perspective on changes in government policies, programs and services to Indians

METHODOLOGY: Information contained in this report was gathered principally from available sources rather than through original research. The survey brings together data from various government sources and presents them in an easily read graphic format. Commentary on the data provides facts about program and policy environments, inter-relating the data and highlighting implications of the information presented

ANTICIPATED COMPLETION: June 1980

REPORTS AND PUBLICATIONS: Indian Conditions: A Survey, Indian and Inuit Affairs Program, Department of Indian and Northern Affairs, June 1980

CONTACT: Program Reference Centre
Indian and Inuit Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-9117

NATIVE PEOPLE: URBAN SETTING:

Card no.: 1422

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTINGS:
A LITERATURE REVIEW

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Task force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: Frank Maidman

RESEARCHER(S): James Bledsoe

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To review and evaluate the current research literature on native people in urban settings.

METHODOLOGY: Library research

PROJECT BEGUN: November 1979

ANTICIPATED COMPLETION: December 1980.

REPORTS AND PUBLICATIONS: Native People in the Urban Setting: A Literature Review.
First draft, by J. Bledsoe, 1980

CONTACT: Research Director,
306-234 Eglinton Avenue East,
Toronto, Ontario
M4P 1K5
Tel.: (416) 485-6161/6164

NATIVE PEOPLE: URBAN SETTING

Card no. 1591

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTINGS: CLIENT AND NON-CLIENT STUDY

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Task Force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: Frank Maidman

RESEARCHER(S): Participatory Research Group Consultation Team

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To study the quality of life of urban native people: to investigate their problems and resource needs

METHODOLOGY: Participatory Research; Interviews; Data Feedback

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: April 1981

CONTACT: Frank Maidman
Research Director
306-234 Eglinton Avenue East
Toronto, Ontario
M4P 1K5
Tel.: (416) 485-6161/6164

NATIVE PEOPLE: URBAN SETTING

Card no. 1592

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTING: A KEY INFORMANT STUDY

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Task Force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: Frank Maidman

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To assess the problems and needs of native people living in urban settings. To evaluate the service programs, strengths and weaknesses, through the experiences of native people working in native organizations

METHODOLOGY:

- mailed self-administered survey questionnaire
- community data feedback meetings

PROJECT BEGUN: June 1978

ANTICIPATED COMPLETION: March 1981

REPORTS AND PUBLICATIONS: Key Informant Study: Report on Community Meetings., unpublished report

CONTACT:
Frank Maidman
Research Director
306-234 Eglinton Avenue East
Toronto, Ontario
M4P 1K5
Tel.: (416) 485-6161/6164

NATIVE PEOPLE: URBAN SETTING

Card no. 1594

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTINGS: RESOURCE ASSESSMENT STUDY

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Task Force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: Frank Maidman

RESEARCHER(S): Ed Herberg and Ursula Jolin

FINANCIAL SUPPORT: Provincial Government

PURPOSE:

- To assess the resources available to native people in urban settings in terms of: availability, accessibility, sufficiency and suitability
- To describe government policy-making and program development for native people

METHODOLOGY:

1. mailed self-administered questionnaire survey to total population of human service organizations in 32 Ontario communities
2. interviews with government policy-makers and program developers

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: April 1981

REPORTS AND PUBLICATIONS: Native People in the Urban Setting: Priorities and Needs in Human Services. Unpublished paper, 1980, by E. Herberg

CONTACT:

Frank Maidman
Research Director
306-234 Eglinton Avenue East
Toronto, Ontario
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Tel.: (416) 485-6161/6164

NATIVE PEOPLE: URBAN SETTING: DEMOGRAPHY

Card no. 1593

PROJECT TITLE: NATIVE PEOPLE IN URBAN SETTINGS: DEMOGRAPHIC STUDIES

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Task Force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: Frank Maidman

RESEARCHER(S): Chris Taylor, David Newhouse Rob Howarth

FINANCIAL SUPPORT: Federal Government

PURPOSE:

- To review and evaluate existing Ontario studies on urban native demography
- To conduct a survey of key users of urban native demography statistics
- To carry out demographic forecasting related to urban native people

METHODOLOGY:

- Library and government document research
- interview
- demographic forecasting

PROJECT BEGUN: September 1980

ANTICIPATED COMPLETION: April 1981

CONTACT:

Frank Maidman
Research Director
306 234 Eglinton Avenue East
Toronto, Ontario
M4P 1K5
Tel.: (416) 485-6161/6164

NATIVE PEOPLE: URBAN SETTING: HOUSING

Card no. 1478

PROJECT TITLE: CENTRAL MORTGAGE AND HOUSING CORPORATION CONTRIBUTION TO ONTARIO TASK FORCE ON NATIVE PEOPLE IN THE URBAN SETTING

GEOGRAPHIC LOCATION OF PROJECT: Ontario

PROJECT UNDERTAKEN BY: Ontario Federation of Indian Friendship Centres, Ontario Task Force on Native People in the Urban Setting

RESEARCH CO-ORDINATOR: D. Runge

RESEARCHER(S): F. Boden

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify urban native needs, evaluate resources available, determine resources requirements, clarify jurisdiction. Develop a plan to meet the identified needs

ANTICIPATED COMPLETION: August 1980

CONTACT: Ontario Task Force on Native People in the Urban Setting
Ontario Federation of Indian Friendship Centre
234 Eglinton Avenue East
Suite 203
Toronto, Ontario
M4P 1K5

NATIVE RIGHTS

Card no. 1652

PROJECT TITLE: NATIVE CLAIMS IN CANADA

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Office of Native Claims

RESEARCH CO-ORDINATOR: Head, Information Services, Office of Native Claims

RESEARCHER(S): Sean Kennedy

FINANCIAL SUPPORT: Federal Government

PURPOSE: To prepare a summary of Native claims submissions and settlements for briefing material and public information

PROJECT BEGUN: December 1979

COMPLETION: April 1980

CONTACT: Lillian Blondin OR Sean Kennedy
Office of Native Claims
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 994-2323

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NATIVE RIGHTS, LAND CLAIMS: RESOURCE DEVELOPMENT

Card no. 1430

PROJECT TITLE: LAND CLAIMS AND RESOURCE DEVELOPMENT

GEOGRAPHIC LOCATION OF PROJECT: Canada, North of 60

PROJECT UNDERTAKEN BY: Canadian Arctic Resources Committee

RESEARCHER(S): Nigel Bankes

PURPOSE: To evaluate the types of resource agreements that native groups will be able to negotiate with interested mining and petroleum corporations on the basis of interests in land transferred as a result of the settlement of land claims

METHODOLOGY: Evaluation and classification of resource agreements negotiated by third world countries, tribal groups in the contiguous states, native regional corporations in Alaska, Aboriginal Groups in Australia and Indian Bands south of 60 in Canada. Proposed and existing settlements will also be examined

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: November 1980

CONTACT: Nigel Bankes
Canadian Arctic Resources Committee
46 Elgin Street
Ottawa, Ontario
K1P 5K6
Tel.: (613) 236-7379

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712.23
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NATURAL RESOURCES: SURVEYING: PARKS

Card no. 1459

PROJECT TITLE: NATURAL RESOURCE SURVEY OF AXEL HEIBERG ISLAND

GEOGRAPHIC LOCATION OF PROJECT: Northern Ellesmere Island, Axel Heiberg Island

PROJECT UNDERTAKEN BY: Environment Canada

RESEARCH CO-ORDINATOR: G.W. Scotter, Environment Canada, Canadian Wildlife Service

RESEARCHER(S): S.C. Zoltai

FINANCIAL SUPPORT: Federal Government

PURPOSE: To evaluate the natural resources (landscape, wildlife, vegetation) as a possible Wilderness National Park

METHODOLOGY: Brief helicopter-supported field survey. Collection of samples and data on soils, vegetation and fauna

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1980

CONTACT: S.C. Zoltai
Canadian Forestry Service
5320 - 122 Street
Edmonton, Alberta
T6H 3S5

NURSES: ISOLATED COMMUNITIES: EDUCATION

Card no. 1513

PROJECT TITLE: COMPARATIVE FIELD EVALUATION OF NURSES PRACTISING IN ISOLATED NURSING STATIONS

GEOGRAPHIC LOCATION OF PROJECT: Yukon, Northwest Territories, and northern Provinces

PROJECT UNDERTAKEN BY: University of Alberta, Division of Health Services Administration

RESEARCH CO-ORDINATOR: Joy Edwards, University of Alberta

RESEARCHER(S): Dr. C.B. Hazlett, Val Beynon, Dianna Clarke, Jean Fraser, Ruth Sutherland, Kerry Toll, Joan Wagner

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine if the Clinical Training Program sponsored by Medical Services Branch, Health and Welfare Canada, is an effective educational program. This Clinical Training Program is designed to increase the clinical skills of nurses working in isolated nursing stations

PROJECT BEGUN: July 1977

ANTICIPATED COMPLETION: December 1980

CONTACT: Dr. C.B. Hazlett
Division of Health Services Administration
University of Alberta
Edmonton, Alberta
T6G 2G3
Tel.: (403) 432-6407

NUTRITION: CHILDREN

Card no. 1431

PROJECT TITLE: CHANGING TRENDS IN THE INFANT FEEDING PATTERNS OF INUIT, INDIAN AND NON-NATIVE INFANTS IN THE N.W.T. 1973-1979

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Northern Medical Research Unit, Medical Services and University of Alberta, Department of Pediatrics

RESEARCH CO-ORDINATOR: Otto Schaefer, M.D., FRCP (C), Northern Medical Research Unit, Medical Services

RESEARCHER(S): O. Schaefer, M.D., Northern Medical Research Unit
D. Spady, M.D., University of Alberta

FINANCIAL SUPPORT: Federal Government

PURPOSE: To monitor changes in infant nutrition practices. To monitor success and failure of concerted drive during the last 5 years to improve infant nutrition

METHODOLOGY: Infant nutrition questionnaire forms were completed on most infants born in a recent 12 month period in the Northwest Territories and data thus collected on nutrition practices, morbidity and growth and development will be correlated and compared with similar data collected 1973/74

FINDINGS: Preliminary scanning of approximately 70% of expected returns indicate that the previously (1973/74) recorded trend to abandon traditional modes of infant nutrition has been halted and indeed our drive to reestablish breastfeeding has doubled percentage of mothers breastfeeding more than one month and trebled rate of mothers still breastfeeding 6 and 12 months after delivery in all major ethnic groups, compared with data collected 5 years previously

PROJECT BEGUN: July 1979

ANTICIPATED COMPLETION: Summer 1981

CONTACT:

Otto Schaefer, MD., FRCP (C)
Northern Medical Research Unit
Medical Services, N.W.T. Region
c/o Charles Camsell Hospital
12815 -115 Avenue,
Edmonton, Alberta
T5M 3A4

PROJECT TITLE:

THE AVAILABILITY AND USE OF IMPORTED AND NATIVE FOODS ON THE LABRADOR COAST

GEOGRAPHIC LOCATION OF PROJECT:

Davis Inlet, Hopedale, Rigolet, Black Tickle and Fox Harbour, East Coast of Labrador

PROJECT UNDERTAKEN BY:

Memorial University of Newfoundland, Health Sciences Centre

RESEARCH CO-ORDINATOR:

Dr. Robin D. Orr, Memorial University of Newfoundland

RESEARCHER(S):

Dr. Robin D. Orr and Mary G. Alton Mackey

FINANCIAL SUPPORT:

Federal Government and Private Foundation

PURPOSE:

To provide information needed for formulation of future food policies by appropriate authorities, planning and evaluation of nutrition and health education programs and for monitoring the effects of rapid resource development, expected in some of these areas, on imported and native food supplies

METHODOLOGY:

A survey of selected communities on the East Coast of Labrador is planned to assess the supply of imported foods and to determine the contribution of native foods to community food supplies. Information will also be collected on the use of imported and native foods by individual households. Background information on communities and households to assist in interpretation of food supply data will be solicited

PROJECT BEGUN:

February 1980

ANTICIPATED COMPLETION:

March 1982

CONTACT:

Dr. Robin D. Orr
Public Health Nutrition
Faculty of Medicine
Memorial University of Newfoundland
Health Sciences Centre
St. John's, Newfoundland
A1B 3V6
Tel.: (709) 737-7353

NUTRITION: PLANTS, ARCTIC

Card no. 1642

PROJECT TITLE: ARCTIC PLANTS AS POTENTIAL FOOD CROPS

GEOGRAPHIC LOCATION OF PROJECT: Rankin Inlet, Northwest Territories

PROJECT UNDERTAKEN BY: University of Toronto, Department of Botany

RESEARCH CO-ORDINATOR: Josef Svoboda

RESEARCHER(S): R.W. Cummins, Mark Romer, Beth Hutchinson, W. Freedman, M. Muc and E. Wagner

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To select, develop and propagate certain Arctic plants for human consumption

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: August 1980

CONTACT:
Josef Svoboda
Department of Botany
Erindale College
University of Toronto
Mississauga, Ontario
L5L 1C6

NUTRITION: TRANSPORTATION

Card no. 1494

PROJECT TITLE:

THE EFFECT OF A PERISHABLES TRANSPORT SUBSIDY ON
FOOD AND NUTRIENT AVAILABILITY IN NORTHERN SASKATCHEWAN

GEOGRAPHIC
LOCATION OF
PROJECT:

Fond du Lac, Stony Rapids, Black Lake and Wollaston Lake, Northern
Saskatchewan

PROJECT
UNDERTAKEN BY:

Health and Welfare Canada, Medical Services

RESEARCH
CO-ORDINATOR:

Debrah Gillis, Health and Welfare Canada

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

To determine effectiveness of a food transport subsidy in increasing
the availability of perishable store foods and effect on nutrient
availability to community residents. To provide baseline information
that can be used in future nutrition program development and
education

METHODOLOGY:

Two year longitudinal study: 1 year before and 1 year after the subsidy

FINDINGS:

The Perishables Transport Subsidy has improved the availability
of perishables to four northern communities, and improved the
availability of specific nutrients shown to have been inadequate in
their diet. It has improved the ability of these northern residents to
choose an adequate diet

PROJECT
BEGUN:

January 1978

ANTICIPATED
COMPLETION:

August 1980

REPORTS AND
PUBLICATIONS:

The Effect of a Perishables Transport Subsidy on Food and Nutrient
Availability in Northern Saskatchewan. Health and Welfare Canada,
Medical Services, Saskatchewan Region, 1980, by Debrah Gillis

CONTACT:

Debrah Gillis
Health and Welfare Canada
Medical Services
Regina, Saskatchewan

OIL SPILLS: ENVIRONMENTAL POLLUTION

Card no. 1556

PROJECT TITLE: BIOS - BAFFIN ISLAND OIL SPILL

GEOGRAPHIC LOCATION OF PROJECT: Cape Hatt, Bylot Island, Northern Eastern Arctic

PROJECT UNDERTAKEN BY: Canadian Departments of Environment, Fisheries and Oceans, and Indian and Northern Affairs; Canadian Oil Industry; Norwegian and United States Government

RESEARCH CO-ORDINATOR: Peter Blackall, Environmental Protection Service

FINANCIAL SUPPORT: Federal Government; Canadian Oil Industry; Norwegian and United States Governments

PURPOSE: To determine if the use of dispersants in the Arctic nearshore will reduce or increase the environmental effects of spilled oil, and to assess the relative effectiveness and environmental impact of other shoreline protection and cleanup techniques

To determine the physical and chemical behaviour and fate of chemically treated and untreated oil and its biological effects in the Arctic nearshore

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: Summer 1984

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

628.52:576.8
(*41N)

OIL SPILLS: MICROBIOLOGY

Card no. 1512

PROJECT TITLE: MICROBIOLOGY COMPONENT OF BAFFIN ISLAND OIL SPILL (B10S) PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Eclipse Sound (Cape Hatt), Baffin Island, Canadian Arctic waters

PROJECT UNDERTAKEN BY: Fisheries and Oceans Canada, Environmental Protection Service

RESEARCH CO-ORDINATOR: J.N. Bunch, Arctic Biological Station

RESEARCHER(S): J.N. Bunch, R.C. Harland

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To determine the effect of oil and oil-dispersant mixtures on bacterial activities in Arctic waters

METHODOLOGY: Use of radioactive substrates to determine assimilation and respiration of selected amino acids and alkanes by marine bacteria before and after spills of oil and oil-dispersant mixtures

PROJECT BEGUN: June 1980

ANTICIPATED COMPLETION: December 1983

CONTACT:
J.N. Bunch
Arctic Biological Station
555 Boulevard St-Pierre
Ste. Anne de Bellevue
Quebec
H9X 3R4
Tel.: (514) 457-3660

628.52:576.8
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OIL SPILLS: MICROORGANISMS

Card no. 1648

PROJECT TITLE: EFFECTS OF SPILLED CRUDE OIL ON MICROORGANISMS

GEOGRAPHIC LOCATION OF PROJECT: Bent Horn Area, Cameron Island and Truelove Lowland, Devon Island

PROJECT UNDERTAKEN BY: Concordia University, Department of Biology

RESEARCH CO-ORDINATOR: Paul Widden

RESEARCHER(S): Paul Widden, M. Goguen and C. Ferguson

FINANCIAL SUPPORT: Industry, University and Federal Government

PURPOSE: To continue a long term study of the effects of spilled crude oil on microorganisms. Soil samples will be taken and test plots of oil spilled in previous years will be monitored

ANTICIPATED COMPLETION: On-going

CONTACT: Paul Widden
Department of Biology
Concordia University
Loyola Campus
7141 Sherbrooke St. W.
Montreal, Quebec
H4B 1R6

628.52:58
(*440)

OIL SPILLS: VEGETATION

Card no. 1576

PROJECT TITLE: POST OIL SPILL RECOVERY OF ARCTIC VEGETATION

GEOGRAPHIC LOCATION OF PROJECT: Norman Wells, Tuktoyaktuk, Cape Parry, Northwest Territories

PROJECT UNDERTAKEN BY: University of Toronto, Department of Botany

RESEARCH CO-ORDINATOR: D.M. Barnett, Department of Indian and Northern Affairs

RESEARCHER(S): T.C. Hutchinson, University of Toronto

FINANCIAL SUPPORT: Federal Government

PURPOSE: To briefly revisit sites and record changes

METHODOLOGY: Detailed recording at plots

FINDINGS: Some vegetation responses are not detectable until several years after the spill

PROJECT BEGUN: 1972

ANTICIPATED COMPLETION: Spring 1981 with possible reactivation in 1984 or 1985

CONTACT: T.C. Hutchinson
Department of Botany
University of Toronto
Toronto, Ontario
Tel.: (416) 978-3537

or

Dr D.M. Barnett
A/Chief, Environmental Studies Division
Northern Environmental Protection
Branch
Department of Indian and Northern
Affairs
Les Terrasses de la Chaudière
Ottawa Ontario
Tel.: (819) 997-0044

712.23:330.02
(*410)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1603

PROJECT TITLE: STUDY TO DETERMINE THE POTENTIAL FOR NATIONAL PARKS IN REGION 37 AND THE EASTERN ARCTIC MARINE REGION

GEOGRAPHIC LOCATION OF PROJECT: Eastern Arctic Lowlands

RESEARCH CO-ORDINATOR: Tom Kovacs, Parks Canada

FINANCIAL SUPPORT: Federal Government

PURPOSE: To conduct a comparative analysis of identified Natural Areas of Canadian Significance in Region 37 and the Eastern Arctic Marine Region to provide information that will be used to help select the areas to be proposed for new park establishment

PROJECT BEGUN: January 1981

ANTICIPATED COMPLETION: April 1981

CONTACT:
Tom Kovacs
Project Manager
Parks North of 60° Project
Parks Canada
Department of Environment
10 Wellington street
Hull, Québec
Tel.: (819) 994-3011

712.23:330.02
(*624)

PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1604

PROJECT TITLE: NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE
IN NATURAL REGION 26

GEOGRAPHIC LOCATION OF PROJECT: Northern Davis Region

PROJECT UNDERTAKEN BY: Woodward-Clyde Consultant, Victoria, British Columbia

RESEARCH CO-ORDINATOR: G. Robilliard and J. Harper, Woodward-Clyde Consultants

RESEARCHER(S): G. Robilliard and J. Harper

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify natural areas and sites of significance in the region

METHODOLOGY: Natural history theme analysis and inventory

PROJECT BEGUN: October 1980

ANTICIPATED COMPLETION: January 1981

CONTACT: Brent P.D. Coates
National Parks Branch
26th Floor
Les Terrasses de la Chaudière
Hull, Québec
K1A 0H4
Tel.: (819) 994-3011

712.23:330.02
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PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1605

PROJECT TITLE: NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE
IN MARINE REGION 4 - ARCTIC ARCHIPELAGO

GEOGRAPHIC
LOCATION OF
PROJECT: Arctic Archipelago

PROJECT
UNDERTAKEN BY: Woodward-Clyde Consultants, Victoria, British Columbia

RESEARCH
CO-ORDINATOR: J. Harper, Woodward-Clyde Consultants

RESEARCHER(S): J. Harper

FINANCIAL
SUPPORT: Federal Government

PURPOSE: To identify natural areas and sites of significance in the Arctic
Archipelago region

METHODOLOGY: Natural history theme analysis and inventory

PROJECT
BEGUN: November 1980

ANTICIPATED
COMPLETION: February 1981

CONTACT: Brent P.D. Coates
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Les Terrasses de la Chaudière
Hull, Québec
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Tel.: (819) 994-3011

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PARKS NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1606

PROJECT TITLE: STUDY TO LOCATE NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGION 38

GEOGRAPHIC LOCATION OF PROJECT: Western High Arctic

PROJECT UNDERTAKEN BY: Bird and Hale Ltd , Toronto, Ontario

RESEARCH CO-ORDINATOR: I.A. Hale, and L. Hellas, Bird and Hale Ltd.

RESEARCHER(S): I.A. Hale and L. Hellas

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify natural areas and sites of Canadian significance in natural region 38

METHODOLOGY: Natural history theme analysis and inventory

PROJECT BEGUN: October 1980

ANTICIPATED COMPLETION: January 30, 1981

CONTACT: Brent P.D. Coates
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26th Floor
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Hull, Québec
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PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1607

PROJECT TITLE: STUDY TO LOCATE NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGIONS 7 and 8

GEOGRAPHIC LOCATION OF PROJECT: Northern Interior Plateaux and Mackenzie Mountains, Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Interdisciplinary Group, Edmonton, Alberta

RESEARCH CO-ORDINATOR: A. Garbutt and A. Gallie, Interdisciplinary Group

RESEARCHER(S): A. Garbutt and A. Gallie

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify natural areas and sites of Canadian significance in natural regions 7 and 8

METHODOLOGY: Natural history theme analysis and inventory

PROJECT BEGUN: October 1980

ANTICIPATED COMPLETION: January 1981

CONTACT: Brent P.D. Coates
National Parks Branch
26th floor
Les Terrasses de la Chaudière
Hull, Québec
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PARKS, NATIONAL: NATURAL RESOURCES MANAGEMENT

Card no. 1608

PROJECT TITLE: STUDY TO LOCATE NATURAL AREAS AND SITES OF CANADIAN SIGNIFICANCE IN NATURAL REGION 17

GEOGRAPHIC LOCATION OF PROJECT: Northwestern Boreal Uplands, Southern Northwest Territories, Northern Saskatchewan and Manitoba

PROJECT UNDERTAKEN BY: University of Saskatchewan

RESEARCH CO-ORDINATOR: W. Barr, University of Saskatchewan

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify natural areas and sites of Canadian significance in natural region 17

METHODOLOGY: Natural history theme analysis and inventory

PROJECT BEGUN: October 1980

ANTICIPATED COMPLETION: January 1981

CONTACT: Brent P.D. Coates
National Parks Branch
26th Floor
Les Terrasses de la Chaudière
Ottawa, Ontario K1A 0H4
Tel. (819) 994-3011

712.23:347.93
(*430) (*440)

PARKS, NATIONAL: PUBLIC CONSULTATION

Card no. 1461

PROJECT TITLE: PUBLIC CONSULTATION ON THE SIX NORTH OF 60° AREAS OF INTEREST AS FUTURE NATIONAL PARKS

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Environment, Parks Canada

RESEARCH CO-ORDINATOR: Tom J. Kovacs, Department of Environment

RESEARCHER(S): Ian MacNeil, Bob Gamble, and Audrey Stewart

FINANCIAL SUPPORT: Federal Government

PURPOSE: To comply with Parks Canada policy and Ministerial commitment concerning public consultation to determine the acceptability of new national parks in the territories, primarily by those local people who would be most directly affected

METHODOLOGY: The public involvement process includes four stages:
1. Information dissemination; 2. Dialogue; 3. Identification of issues and concerns; 4. Analysis and presentation of recommendations

PROJECT BEGUN: January 1980

ANTICIPATED COMPLETION: October 1980

CONTACT:
Tom J. Kovacs
Project Manager
6 North of 60° Project
National Parks Branch
Parks Canada
Department of Environment
10 Wellington Street
Hull, Quebec
Tel.: (819) 994-3011

PARKS, NATIONAL: WILDLIFE MANAGEMENT

Card no. 1595

PROJECT TITLE: RESOURCE INVENTORY OF ELLESMORE ISLAND PROPOSED NATIONAL PARK AREA

GEOGRAPHIC LOCATION OF PROJECT: Lake Hazen, Tanquary Fiord, Fort Conger area, Northern Ellesmere Island

PROJECT UNDERTAKEN BY: University of Alberta, Department of Geography

RESEARCH CO-ORDINATOR: John England

FINANCIAL SUPPORT: Federal Government

PURPOSE: To complete an inventory of the biophysical resources of a proposed national park site, recommending boundaries

FINDINGS: The area is definitely a national area of Canadian significance, and will remain as a proposed national park

PROJECT BEGUN: Summer 1980

ANTICIPATED COMPLETION: Summer 1981

CONTACT: Ian MacNeil
National Parks Branch
Parks Canada
Ottawa, Ontario
K1A 1G2

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(*469.6)(*430)

PERMAFROST

Card no. 1532

PROJECT TITLE: GEOMORPHIC PROCESS STUDIES, WESTERN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Vicinity of Sachs Harbour, Banks Island and Dawson City, Dempster Highway, Northern Yukon

PROJECT UNDERTAKEN BY: University of Ottawa, Department of Geography

RESEARCH CO-ORDINATOR: H.M. French, University of Ottawa

RESEARCHER(S): D.G. Harvey and W. Polland

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To increase man's understanding of the unique nature of permafrost terrain and thereby to minimize terrain disturbance and to avoid natural hazards (eg. icings along roads; thermokarst in borrow pits etc.)

METHODOLOGY: Field studies, air photo interpretation, lab analysis of permafrost and superficial materials

PROJECT BEGUN: 1970

ANTICIPATED COMPLETION: On-going

CONTACT: H.M. French
Department of Geography
University of Ottawa
Ottawa, Ontario
K1N 6N5
Tel.: (613) 231-2471

551.4:551.58:58
(*440)

PHYSICAL GEOGRAPHY: CLIMATE: VEGETATION

Card no. 1637

PROJECT TITLE: CLIMATE ENVIRONMENT INTERACTION

GEOGRAPHIC LOCATION OF PROJECT: Involuted Hill Northwest Territories

PROJECT UNDERTAKEN BY: University of Alberta Department of Geography

RESEARCH CO-ORDINATOR: John England

RESEARCHER(S): John England, Ross Hastings and Daniel MacIsaac

FINANCIAL SUPPORT: Federal Government and University

PURPOSE: To determine how the physical environment affects the distribution of plant communities on Involuted Hill; to ascertain how physical factors and plant community distribution influence habitat selection of animals living in the area. The study will attempt to correlate microclimatic variations on Involuted Hill with plant community distributions

METHODOLOGY: Holistic study in which the interaction of the major components of Involuted Hills environment will be examined: vegetation, microclimate, wildlife habitat and geomorphological components

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1981, M.A. Thesis

CONTACT: Ross Hastings
Department of Geography
University of Alberta
Edmonton, Alberta
T6G 2H4

621.644:502.7
(*41N)

PIPELINES: ENVIRONMENT

Card no. 1427

PROJECT TITLE: ENVIRONMENTAL DECISION - MAKING IN THE NORTH

GEOGRAPHIC LOCATION OF PROJECT: Canada, North of 60°

PROJECT UNDERTAKEN BY: Champlain College, Trent University

RESEARCH CO-ORDINATOR: Robert Page, Champlain College, Trent University

FINANCIAL SUPPORT: Federal Government

PURPOSE: To look at the process of environmental decision - making on the northern pipelines issue

METHODOLOGY: Political/bureaucratic analysis

PROJECT BEGUN: 1978

ANTICIPATED COMPLETION: July 1980

CONTACT: Robert Page
Champlain College
Trent University
Peterborough, Ontario K9J 2B8
Tel.: 745-1364

POLAR BEARS: OIL POLLUTION

Card no. 1551

PROJECT TITLE: TEMPERATURE EFFECTS OF CRUDE OIL ON POLAR BEARS

GEOGRAPHIC LOCATION OF PROJECT: Northern Canada

PROJECT UNDERTAKEN BY: University of Oslo

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Nils A. Ørstsland, University of Oslo

FINANCIAL SUPPORT: Federal Government

PURPOSE: To examine, the immediate and long term effects of oil on polar bear by studying:

1. the bear's ability to regulate its body temperature after the hair becomes fouled with oil
2. the thermal properties of oiled polar bear fur from hides of bear (not in site)

PROJECT BEGUN: March 1979

ANTICIPATED COMPLETION: September 1980

REPORTS AND PUBLICATIONS: Temperature Effects on oil on Polar Bears, by N.A. Ørstsland, R. Hurst and P.D. Watts, September 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

POLAR BEARS: OIL POLLUTION

Card no. 1555

PROJECT TITLE: HAEMATOLOGICAL AND PETROLEUM RESIDUE STUDIES OF EXPERIMENTAL POLAR BEARS

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: R.F. Engelhardt

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): R.F. Engelhardt

FINANCIAL SUPPORT: Federal Government

PURPOSE: To monitor polar bears during confinement, and perform haematological and petroleum residue studies in order to assess the impact of oil pollution in those animals

METHODOLOGY: Haematology, plasma chemistry endocrinology and tissue oil assay (qualitative and quantitative) for bears used in the effects-of-oil experiment; preparation of the final experiment report combining all data sources which will constitute a cause-and-effect assessment in order to explain fatalities occasioned by the experiment, and the effects on the surviving bear

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: January 1981

REPORTS AND PUBLICATIONS: Oil Pollution in Polar Bears: Exposure and Clinical Effects, September 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

POLAR BEARS: OIL POLLUTION

Card no. 1557

PROJECT TITLE: HISTOPATHOLOGY AND HAEMATOLOGY OF EXPERIMENTAL POLAR BEARS

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: F.A. Juck

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): F.A. Juck

FINANCIAL SUPPORT: Federal Government

PURPOSE: To assess the pathological changes noted in the autopsies and their interpretation in relation to clinical pathological alterations in the third live bear induced by the crude oil used in the experiment

METHODOLOGY: To perform autopsies and histopathological analysis of two dead bears and haematology monitoring of the third live bear

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: September 1980

REPORTS AND PUBLICATIONS: Crude Oil Related Pathology in Polar Bears, by F.A. Juck, September 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian Affairs and Northern Development
Les Terrasses de la Chaudière
Ottawa, Ontario
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Tel.: (819) 997-0044

POLITICAL PHILOSOPHY: ECONOMIC DEVELOPMENT

Card no. 1715

PROJECT TITLE: COMPARATIVE POLITICAL ECONOMY: NORTHERN CANADA AND NORTHERN AUSTRALIA

GEOGRAPHIC LOCATION OF PROJECT: Northern Territory, Australia, Northwest Territories, Canada

PROJECT UNDERTAKEN BY: York University, Faculty of Environmental Studies

RESEARCH CO-ORDINATOR: Grahame Beakhurst, York University

RESEARCHER(S): Grahame Beakhurst

PURPOSE: To compare the political economy of two northern, remote, regions having substantial aboriginal populations, as they evolve from colonialism under British constitutional rule. Of particular concern is what can be learned about the role of internal colonialism in the development of underdeveloped hinterland regions
An attempt will be made to make some theoretical contribution to the study of colonial political economy and the problem of underdevelopment

METHODOLOGY: The principal model is a colonial one, incorporating the activity of the central government's exploitation of resources, land and labour of the hinterland. Research is based on 13 years experience in the Canadian north. The abstraction of development patterns in northern Canada since 1945 is used as a basis for an analysis of the political & economic evolution of the Northern Territory

PROJECT BEGUN: 1980

ANTICIPATED COMPLETION: 1984

CONTACT: Grahame Beakhurst
Faculty of Environmental Studies
York University
4700 Keele Street
Downsview, Ontario
Tel.: (416) 667-3966

POLLUTION: DRILLING OPERATIONS

Card no. 1577

PROJECT TITLE:

BIOLOGICAL CHANGES RESULTING FROM DRILLING FLUID
DISPOSAL IN THE CANADIAN ARCTIC

GEOGRAPHIC
LOCATION OF
PROJECT:

Arctic Islands and Mackenzie Delta, Northwest Territories, and
Yukon Territory

PROJECT
UNDERTAKEN BY:

University of Guelph

RESEARCH
CO-ORDINATOR:

D.M. Barnett, A/Chief
Environmental Studies Division
Department of Indian and Northern Affairs

RESEARCHER(S):

D.W. Smith, University of Guelph

FINANCIAL
SUPPORT:

Federal Government

PURPOSE:

To study the disposal of drilling fluids in order to enable the Department
to set standards for disposal by various methods. The project
examines residual toxicity of plants and soil at sites, where various
disposal methods have been used

PROJECT
BEGUN:

April 1977

ANTICIPATED
COMPLETION:

March 1982

REPORTS AND
PUBLICATIONS:

Biological Changes in Permafrost Terrain Adjacent to High Arctic
Oil and Gas Well Sites, Department of Indian and Northern Affairs,
Environmental Studies No. 16

CONTACT:

D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

POLLUTION: LAKES

Card no. 1639

PROJECT TITLE: EFFECTS OF ARTIFICIALLY ADDED NUTRIENTS TO A LAKE

GEOGRAPHIC LOCATION OF PROJECT: Saquaqjuac, North of Chesterfield Inlet, Northwest Territories

PROJECT UNDERTAKEN BY: Fisheries and Oceans Canada, Freshwater Institute

RESEARCH CO-ORDINATOR: H.E. Welch, Fisheries and Oceans Canada

RESEARCHER(S): H.E. Welch

FINANCIAL SUPPORT: Federal Government

PURPOSE: To continue an experiment on an isolated lake to which methane gas has been added thereby simulating a break in a gas pipeline. To evaluate the effects of artificially added nutrients to the lake. Supplementary water studies and radionuclide level determinations will also be done

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: October 1981

CONTACT: H.E. Welch
Fisheries and Oceans Canada
Freshwater Institute
501 University Crescent
Winnipeg, Manitoba
R3T 2N6

POLLUTION: MARINE ECOLOGY: MINING

Card no. 1558

PROJECT TITLE: NANISIVIK/ARVIK MONITORING PROGRAM

GEOGRAPHIC LOCATION OF PROJECT: Arvik Mine Site Area, Little Cornwallis Island, Nanisivik Mine Site Area, Strathcona Sound

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Regional Office in Yellowknife

RESEARCH CO-ORDINATOR: David Stone, Department of Indian and Northern Affairs, Regional Office, Yellowknife

FINANCIAL SUPPORT: Federal Government

PURPOSE: To establish baseline levels for heavy metals in marine indicator species (seaweed and clams) and over the life of the mine to monitor any possible spread or accumulation of heavy metals (Pb, Zn, Cu, Hg)

METHODOLOGY: Seaweed/clam monitoring will be done each year the mine is in operation
Higher trophic organism will be sampled less frequently

PROJECT BEGUN: Nanisivik - August 1979
Arvik - July - August 1981

ANTICIPATED COMPLETION: On-going

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian Affairs and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

or

David Stone
Department of Indian Affairs and Northern Development
Regional Office, Yellowknife
Tel.: (403) 920-8250

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PUBLIC HEARINGS: NORTHERN CANADA

Card no. 1564

PROJECT TITLE: A SURVEY OF PUBLIC REVIEW HEARINGS IN NORTHERN CANADA

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Northern Pipelines Branch

RESEARCH CO-ORDINATOR: Don Bissett, Department of Indian and Northern Affairs, Northern Pipelines Branch

RESEARCHER(S): Bruce Waddell

FINANCIAL SUPPORT: Federal Government

PURPOSE: To survey the public review hearings which have been conducted in the Yukon and Northwest Territories and to identify emerging trends

METHODOLOGY: Investigated selected factors regarding the sponsoring government departments and agencies, and individual hearings conducted in Northern Canada to date

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: November 1980

CONTACT:
Bruce Waddell
Public Review Division
Northern Pipelines Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0990

RECREATION

Card no. 1438

PROJECT TITLE: MULTI-PURPOSE ARENA - BEAUVAL

GEOGRAPHIC LOCATION OF PROJECT: Beauval, Northern Saskatchewan

PROJECT UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCHER(S): Ray Begrard

PURPOSE: To prepare a planning study for the Beauval Multi-Purpose Arena. The study included preparation of a Capital Recreation Grant application, as well as indicating market size, demand and importance of project to the community of Beauval

METHODOLOGY: Assisted community in preparing detailed financial statement, obtaining price estimates, etc., and canvassing residents of Beauval to record their responses to the proposed project

PROJECT BEGUN: August 1979

ANTICIPATED COMPLETION: January 1980

REPORTS AND PUBLICATIONS: Beauval Recreation Planning Study. Beauval, Saskatchewan, January 1980

CONTACT: Peter Buffin,
Beauval Recreation Facilities Planning Committee
Beauval, Saskatchewan

RECREATION

Card no. 1626

PROJECT TITLE: RECREATIONAL SERVICES DELIVERY

GEOGRAPHIC LOCATION OF PROJECT: Inuvik, Fort Franklin, Yellowknife and Tuktoyaktuk, Northwest Territories

PROJECT UNDERTAKEN BY: University of Alberta, Department of Physical Education

RESEARCH CO-ORDINATOR: Vicky Paraschak, University of Alberta

RESEARCHER(S): Vicky Paraschak

FINANCIAL SUPPORT: Federal Government

PURPOSE: To conduct a study in order to determine how recreation programs are delivered at the community level

METHODOLOGY: Examination of information retained in municipal files. General interviews. Observation of recreational activities in the communities

PROJECT BEGUN: August 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Vicky Paraschak
Department of Physical Education
University of Alberta
c/o General Delivery
Yellowknife, Northwest Territories
X0E 1H0

REINDEER: WILDLIFE MANAGEMENT

Card no. 1638

PROJECT TITLE: MONITORING REINDEER RANGELAND CONDITIONS USING REMOTE SENSING

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Delta Grazing Reserve, Northwest Territories

PROJECT UNDERTAKEN BY: University of British Columbia, Faculty of Forestry

RESEARCH CO-ORDINATOR: Richard A. Sims, University of British Columbia

RESEARCHER(S): Richard A. Sims and P.A. Murtha

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To investigate reindeer rangeland type and condition within the Mackenzie Delta Grazing Reserve in order to:

- 1) set up the remote sensing technology to monitor reindeer range conditions, and
- 2) suggest interpretive methods by testing various remote sensing techniques

METHODOLOGY: Sampling will be carried out using a "multistage" strategy, with four "levels" of data collection:

- 1) Stage I - satellite imagery;
- 2) Stage II - small scale photography and imagery;
- 3) Stage III - large scale photography; and
- 4) Field reconnaissance and ground truthing

PROJECT BEGUN: July 1980

CONTACT: Richard A. Sims
Faculty of Forestry
University of British Columbia
Vancouver, British Columbia
V6T 1W5

RENEWABLE ENERGY: ISOLATED COMMUNITIES

Card no. 1472

PROJECT TITLE: ROLE OF RENEWABLE SOURCES OF ENERGY IN REMOTE LOCATIONS: ENERGY DEMAND CHARACTERISTICS AND RENEWABLE ENERGY RESOURCE BASE

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: Techno-Economic Research Unit

RESEARCH CO-ORDINATOR: E.R. Anderson, Techno-Economic Research Unit

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate the role of renewable sources of energy in remote locations

PROJECT BEGUN: January 1980

ANTICIPATED COMPLETION: June 1980

CONTACT: E.R. Anderson
Techno-Economic Research Unit
P.O. Box 1232A
Toronto, Ontario
M5W 1G7
Tel.: (416) 961-4691

RESOURCE DEVELOPMENT: ETHICS

Card no. 1436

PROJECT TITLE: MORAL, ETHICAL AND SPIRITUAL ASPECTS OF FRONTIER DEVELOPMENT

GEOGRAPHIC LOCATION OF PROJECT: Canadian North and other hinterland areas

PROJECT UNDERTAKEN BY: Jim Lotz Associates

RESEARCH CO-ORDINATOR: Jim Lotz, Jim Lotz Associates

PURPOSE: To indicate how two modes of thought can be synthesized within a framework of moral and ethical concerns. Development is obviously a process that involves moral, ethical and spiritual choices. However, in hinterland areas, there is a marked contrast between people who come from "outside" (to exploit resources, to start a new life, etc.) and those who are "inside". Technology powers outside intervention - it is "rational, linear, logical." Insiders are dominated by the physical environment, and rely more on intuitive, non-linear modes of thought

METHODOLOGY: Library research, model building, and simply thinking. Residing in another hinterland area allows comparison with the North

FINDINGS: Basic conclusion is that hinterland people use the right hemisphere of the brain more effectively, while metropolis people favour the left hemisphere

PROJECT BEGUN: 1975

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: "The Caribou and the Lichen; Some Reflections from the Hinterland." Journal of Canadian Studies, Fall, 1980

CONTACT: Jim Lotz
Jim Lotz Associates
Box 3393, Halifax South P.O.
Halifax, Nova Scotia
B3J 3J1
Tel.: (902) 423-3263

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RESOURCE DEVELOPMENT: NATIVE PEOPLE

Card no. 1491

PROJECT TITLE: THE LAND THAT IS NUNAVUT: A TWO PART STUDY OF RESOURCE DEVELOPMENT IN ARCTIC CANADA AND SOVIET SIBERIA

GEOGRAPHIC LOCATION OF PROJECT: Canadian Arctic and Siberian Region, USSR

PROJECT UNDERTAKEN BY: Planning School
Architectural Association
School of Architecture
London, England

RESEARCHER(S): Richard Bushey, School of Architecture, London, England

FINANCIAL SUPPORT: Federal Government

PURPOSE: To study the effects of resource development on native peoples' development in the Canadian and Siberian Arctic

METHODOLOGY: Economic data, statistical research, sociology analysis, comparative analysis and environmental impact

PROJECT BEGUN: September 1978

ANTICIPATED COMPLETION: July 1980, Graduate thesis

REPORTS AND PUBLICATIONS: The Land that is Nunavut: A two Part Study of Resource Development in Arctic Canada and Soviet Siberia by Richard Bushey, available at Central Mortgage and Housing Corporation, Ottawa

CONTACT: Richard Bushey
No. 801 Fraser Tower
Yellowknife
Northwest Territories
Tel.: (403) 873-7895

RESOURCE DEVELOPMENT: TRANSPORTATION: ABORIGINAL RIGHTS

Card no. 1470

PROJECT TITLE: ARCTIC SEAS STUDY

GEOGRAPHIC LOCATION OF PROJECT: Northwest Passage

PROJECT UNDERTAKEN BY: Canadian Arctic Resources Committee

RESEARCH CO-ORDINATOR: François Bregha, Canadian Arctic Resources Committee

RESEARCHER(S): Robbie Keith and Randy Ames

FINANCIAL SUPPORT: Federal Government and Industry

PURPOSE: To review the existing body of knowledge about the High Arctic; to assess Canadian science policy in the North; to identify the implications of aboriginal rights on resource development; to review regulatory processes applicable to northern resource transportation projects; to evaluate options for the development and transportation of non-renewable resources; to monitor international development

METHODOLOGY: Several studies have been commissioned under the project umbrella to meet the objectives above. In order to focus public attention on the issues raised by Arctic marine transportation, the project has published a monthly bulletin, 2 reports, and organized a conference

PROJECT BEGUN: September 1978

ANTICIPATED COMPLETION: Spring 1981

REPORTS AND PUBLICATIONS: Marine Transportation and High Arctic Development: Policy Framework and Priorities. Canadian Arctic Resources Committee 1979
Marine Transportation and High Arctic Development: A Bibliography. Canadian Arctic Resources Committee, 1980

CONTACT: François Bregha
Canadian Arctic Resources Committee
46 Elgin Street, Room 11
Ottawa, Ontario
K1P 5K6
Tel.: (613) 236-7379

REVEGETATION: MINING

Card no. 1579

PROJECT TITLE: DEVELOPMENT OF GRASS VARIETIES FOR MINE TAILINGS
REVEGETATION

GEOGRAPHIC LOCATION OF PROJECT: Canada, North of 60°, with additional data from the Sudbury basin

PROJECT UNDERTAKEN BY: University of Toronto, Institute of Environmental Studies

RESEARCH CO-ORDINATOR: D.M. Barnett, A/Chief, Environmental Studies Division,
Department of Indian and Northern Affairs

RESEARCHER(S): T.C. Hutchinson, University of Toronto

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate the problem of revegetating and stabilizing northern
mine tailings

FINDINGS: Most plants adapted to northern climate are not adapted to heavy
metal contaminated soils. So far two species have been very
successful and research is continuing to see if they could be used
on a practical scale with commercial possibilities

PROJECT BEGUN: April 1976

ANTICIPATED COMPLETION: March 1981

CONTACT: D.M. Barnett, A/Chief
Environmental Studies Division
Northern Environmental Protection Branch
Northern Affairs Program
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0044

RIVER: FLOODING

Card no. 1630

PROJECT TITLE: LIARD BASIN SPRING FLOOD STUDY

GEOGRAPHIC LOCATION OF PROJECT: Liard River Region, and Mackenzie River Region, Northwest Territories

PROJECT UNDERTAKEN BY: Environment Canada, Snow and Ice Division, National Hydrology Institute, Inland Waters Directorate

RESEARCH CO-ORDINATOR: D.A. Sherstone

RESEARCHER(S): D.A. Sherstone, D.J. Grey, A.C.D. Terroux

FINANCIAL SUPPORT: Federal Government

PURPOSE: This project has three objectives: To conduct aerial photography surveys to identify ice jams with resultant flooding; to conduct aerial photography to identify potential non-Mackenzie Valley pipeline routes; to obtain water samples to determine sediment loads carried by the river at various times and locations

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: November 1980

CONTACT: D.A. Sherstone
National Hydrology Research Institute
Inland Waters Directorate
Environment Canada
OTTAWA, Ontario
K1A 0E7

599.745:502.7
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SEALS: WILDLIFE MANAGEMENT

Card no. 1468

PROJECT TITLE: ECOPHYSIOLOGY OF MARINE MAMMALS

GEOGRAPHIC LOCATION OF PROJECT: Gulf of St. Lawrence to Jones Sound

PROJECT UNDERTAKEN BY: University of Guelph, College of Biological Science

RESEARCH CO-ORDINATOR: K. Ronald, University of Guelph

RESEARCHER(S): Graduate students and technicians

FINANCIAL SUPPORT: Federal Government

PURPOSE: To understand the biology of the seal, and to apply such knowledge to the management of the relevant species

METHODOLOGY: Field and laboratory studies

PROJECT BEGUN: 1964

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Bibliography on the Pinnipedia, K. Ronald et al 1975. Numerous other papers and book on seal biology and management

CONTACT: Professor K. Ronald
Dean
College of Biological Science
Guelph, Ontario
N1G 2W1
Tel.: (519) 824-4120

SHELTERS, TEMPORARY: ICE ENGINEERING

Card no. 1479

PROJECT TITLE: REINFORCED ICE DOMES: THE USE OF ICE AS A STRUCTURAL MATERIAL

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60°

PROJECT UNDERTAKEN BY: University of Calgary, Department of Mechanical Engineering

RESEARCH CO-ORDINATOR: P.G. Glockner, University of Calgary, Department of Mechanical Engineering

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate properties of ice as a structural material and to study the use of ice-domes for the creation of temporary enclosures in the north

METHODOLOGY: Experimental and analytical studies

FINDINGS: We have shown by means of constructing models of ice-domes that spraying water onto an inflatable dome is an economically and technically feasible and viable method for the creation of temporary shelters

PROJECT BEGUN: Research on ice-domes was begun some 8 - 9 years ago

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Various communications presented at conferences. Contact author direct

CONTACT: Dr. P.G. Glockner
Professor and Head
Department of Mechanical Engineering
University of Calgary
Calgary, Alberta
T2N 1N4
Tel.: 284-5770

SNOW AND ICE: LAKE HYDROLOGY: BIOLOGY

Card no. 1527

PROJECT TITLE: ASPECTS OF SNOW AND ICE COVER: ELIZABETH LAKE BASIN

GEOGRAPHIC LOCATION OF PROJECT: Elizabeth Lake, Labrador

PROJECT UNDERTAKEN BY: Trent University

RESEARCH CO-ORDINATOR: W.P. Adams, Trent University

FINANCIAL SUPPORT: University, Federal and Provincial Governments

PURPOSE: To study land and lake snowcover and the ice cover of the lake with particular reference to hydrological and biological implication. The latter included studies of ice and snow chemistry and the role of snow and ice in the light regime of the lake

METHODOLOGY: Aspects of the basin were monitored over a long period of time but the focus of the study was a very large short-term, random sample of ice and snowcover conditions

PROJECT BEGUN: Summer 1978

ANTICIPATED COMPLETION: Summer 1982

REPORTS AND PUBLICATIONS:
"Vegetation-snow relationships in Labrador." Proc. Eastern Snow Conference, 36, 1-25, 1979, by W.P. Adams and D.R. Barr
"Illustration of the roles of snow in the evolution of the winter cover of a lake." Arctic, 33, 1, 100-116, 1980, by W.P. Adams and N.T. Roulet
"Studies in Snow and Ice." Trent Student Geographer, 8, Trent University, 193 p., 1980, N.T. Roulet ed.

CONTACT:
W.P. Adams
Office of Graduate Studies & Research
Trent University
Peterborough, Ontario
K9J 7B8
Tel.: (705) 748-1245

SOCIAL IMPACT ASSESSMENT: ENVIRONMENTAL IMPACT
ASSESSMENT: MINING

Card no. 1580

PROJECT TITLE: CANADIAN ARCTIC RESOURCES COMMITTEE NORTHERN
MINING STUDY

GEOGRAPHIC
LOCATION OF
PROJECT: Northwest Territories and Yukon

PROJECT
UNDERTAKEN BY: University of Waterloo, Department of Man-Environment Studies

RESEARCH
CO-ORDINATOR: Robert F. Keith, University of Waterloo, Department of Man-
Environment Studies

FINANCIAL
SUPPORT: Canadian Arctic Resources Committee

PURPOSE: To identify potential mining projects (ore bodies not in production)
and assess the state of knowledge on the environmental social
and economic consequences

METHODOLOGY: Interview; analysis of documents

PROJECT
BEGUN: 1979

ANTICIPATED
COMPLETION: 1980

CONTACT: Robert F. Keith
Department of Man-Environment Studies
University of Waterloo
Waterloo, Ontario
N2L 3G1
Tel.: (519) 885-1211

SOCIAL IMPACT ASSESSMENT:
HYDROELECTRIC POWER

Card no. 1545

PROJECT TITLE: SOCIO-ECONOMIC STUDY - POWER SITES

GEOGRAPHIC LOCATION OF PROJECT: Labrador

PROJECT UNDERTAKEN BY: Beak Consultants Ltd.

RESEARCH CO-ORDINATOR: Wilson Eedy, Beak Consultants Ltd.

RESEARCHER(S): Helen Howes and Catherine Robinson

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To evaluate the social, economic and resource use effects of constructing and operating a hydroelectric generating station at either Gull Island or Muskrat Falls on the Lower Churchill River. A public participation programme was also implemented

METHODOLOGY: Socio-economic impact
- data gathering: questionnaire citizen advisory committee, interviews, and public meeting
- evaluation: judgemental and case studies

PROJECT BEGUN: July 1979

ANTICIPATED COMPLETION: September 1980

REPORTS AND PUBLICATIONS: Socio Economic Study - Power Plants, April 1980

CONTACT: Bevin LeDrew
Lower Churchill Development Corporation Limited
P.O. Box 9800
St. John's, Newfoundland
Tel.: (709) 737-1281

SOCIAL IMPACT ASSESSMENT: HYDROELECTRIC POWER

Card no. 1666

PROJECT TITLE: LOWER CHURCHILL ENVIRONMENTAL ASSESSMENT

GEOGRAPHIC LOCATION OF PROJECT: Lower Churchill River Valley, Labrador

PROJECT UNDERTAKEN BY: Lower Churchill Development Corporation

RESEARCH CO-ORDINATOR: Bevin R. LeDrew

RESEARCHER(S): Various consultants

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To obtain approval under the Federal Environmental Assessment and Review Process for proposed hydro-electric developments

METHODOLOGY: Studies undertaken according to guidelines issued by the Environmental Assessment Review Panel

FINDINGS: Panel decision approved the project in December 1980, subject to certain environmental and socio-economic conditions

PROJECT BEGUN: 1971

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: Environmental Impact Assessment - Generation. 2 Vols. Lower Churchill Development Corporation 1980

CONTACT: Bevin R. LeDrew
Lower Churchill Development Corporation
P.O. Box 9800
St. John's, Newfoundland
A1A 3W3
Tel.: (709) 737-1285

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SOCIAL IMPACT ASSESSMENT: JAMES BAY HYDROELECTRIC PROJECT

Card no. 1585

PROJECT TITLE: CREE CONTINUITY AND CHANGE PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Wemindji, Chisasibi and Mistassini, James Bay

PROJECT UNDERTAKEN BY: Queen's University

RESEARCH CO-ORDINATOR: John W. Berry

RESEARCHER(S): J.W. Berry, R.M. Wintrob, P.S. Sindell and T.A. Mawhinney

FINANCIAL SUPPORT: Federal Government

PURPOSE: To monitor the psychological and cultural changes which are taking place now that the James Bay Hydroelectric project is underway, and the legal agreements surrounding it are being implemented. The findings of this study will be available to the people of the area so that appropriate steps may be taken to deal effectively with the impact which they are experiencing

METHODOLOGY: Original studies in 1967-1971 have been repeated in 1978-1979 employing the original samples and new samples in the three communities. A combination of archival, observational, interviewing and testing methods have been employed

PROJECT BEGUN: Phase 1: 1967
Phase 2: 1977

ANTICIPATED COMPLETION: 1980

CONTACT: John W. Berry
Psychology Department
Queen's University
Kingston, Ontario
K7L 3N6
Tel.: (613) 547-2697

SOCIAL IMPACT ASSESSMENT: MINING

Card no. 1582

PROJECT TITLE: STRATHCONA SOUND PROJECT (NANISIVIK MINES LTD.)

GEOGRAPHIC LOCATION OF PROJECT: Baffin Island, near Arctic Bay

PROJECT UNDERTAKEN BY: Hickling-Smith Inc.

RESEARCH CO-ORDINATOR: Steering Committee headed by H. Wirth Department of Indian and Northern Affairs, Northern Economic Analysis Division

RESEARCHER(S): David P. Deziel

FINANCIAL SUPPORT: Federal Government

PURPOSE: To conduct an evaluation of the project which will determine the extent to which the original objectives have been realized

PROJECT BEGUN: December 1980

ANTICIPATED COMPLETION: March 13, 1981

CONTACT: Roger J. Simard
Northern Economic Analysis Division
Northern Economic Planning Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0022

SOCIAL IMPACT ASSESSMENT: PIPELINES, ALASKA HIGHWAY,
DEMPSTER CORRIDOR

Card no. 1445

PROJECT TITLE: ALASKA HIGHWAY PIPELINE IMPACT MANAGEMENT STRATEGY
DEMPSTER CORRIDOR PIPELINE IMPACT MANAGEMENT STRATEGY

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Mackenzie Delta

PROJECT UNDERTAKEN BY: Alaska Highway Pipeline Panel

RESEARCH CO-ORDINATOR: C.H. Templeton, Alaska Highway Pipeline Panel

RESEARCHER(S): Irving K. Fox, W. Winston Mair, Ian McTaggart Cowan, J. Gordon Nelson, Carson H. Templeton (Alaska Highway Pipeline Panel members)

FINANCIAL SUPPORT: Industry

PURPOSE: To prepare a management strategy in conjunction with local people to understand the impacts that will likely occur and the means of improving them to acceptable levels

METHODOLOGY: Workshops mainly

FINDINGS: The Impact Assessment Process must include impact management strategies or the predictions will be imprecise or even misleading

PROJECT BEGUN: 1976

ANTICIPATED COMPLETION: 1980

REPORTS AND PUBLICATIONS: Towards the Management of Socio-Economic Impacts Related to the Alaska Highway Pipeline Project. Series of Socio-Economic Booklets, January 1978 to April 1978
Various impact assessment reports on Dempster Corridor and Alaska Highway Pipeline Projects. CONTACT C.H. TEMPLETON FOR DETAILS

CONTACT: C.H. Templeton
Alaska Highway Pipeline Panel
710-363 Broadway
Winnipeg, Manitoba
R3C 3N9
Tel.: (204) 943-1556

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SOCIAL IMPACT ASSESSMENT: WAGE EMPLOYMENT: NATIVE PEOPLE

Card no. 1569

PROJECT TITLE: HISTORICAL DEVELOPMENT OF CURRENT PATTERNS OF INUIT CULTURE AND IMPLICATIONS WITH RESPECT TO FUTURE DEVELOPMENT

GEOGRAPHIC LOCATION OF PROJECT: Baffin Island

PROJECT UNDERTAKEN BY: McGill University, Centre for Northern Studies and Research

RESEARCH CO-ORDINATOR: G. Leitch, Community Liaison and Social Impact Assessment, Petro-Canada

RESEARCHER(S): William Kemp, McGill University

FINANCIAL SUPPORT: Industry

PURPOSE: To gain insight into how Inuit culture has changed this century, and how it will further have to change if Inuit participate in the wage economy

METHODOLOGY: Historical research from anthropological/sociological perspective

PROJECT BEGUN: Fall 1980

ANTICIPATED COMPLETION: December 1980

CONTACT:
G. Leitch
Community Liaison and Social Impact Assessment
Petro-Canada
P.O. Box 2844
Calgary, Alberta
T2P 2M7
Tel.: (403) 232-8000

SOCIAL SURVEY: ENVIRONMENT

Card no. 1583

PROJECT TITLE: SYNTHESIS OF BIOPHYSICAL AND SOCIO-ECONOMIC STUDIES ON NORTHERN QUEBEC

GEOGRAPHIC LOCATION OF PROJECT: Northern Quebec

PROJECT UNDERTAKEN BY: Office de Planification et de Développement du Québec

RESEARCH CO-ORDINATOR: Centre de Recherche du Moyen-Nord. Université du Québec à Chicoutimi

RESEARCHER(S): Multidisciplinary team of researchers from the Centre de Recherche du Moyen-Nord and other centres for northern studies in Quebec

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To establish the state of knowledge on northern Quebec. This document will produce an exhaustive inventory of studies and research projects related to the following aspects of this territory; hydrographic basins, geology, geomorphology, seasonal variations of ice, large ecosystems, climate, topography, spatial distribution of population, stages in the establishment of the population, seasonal migratory movements, hunting and fishing territories, administrative divisions, schools, health and legal services, telecommunications, transport, mining, hydroelectricity, forest, wildlife and touristic potential, and small native industries

METHODOLOGY:

- Location of all relevant documents
- Standardization of references
- Cartography of most significant elements
- Analysis of the different spatial components of the area

PROJECT BEGUN: June 1979

ANTICIPATED COMPLETION: May 1981

CONTACT: Jules Dufour
Centre de Recherche du Moyen-Nord
Université du Québec à Chicoutimi
Chicoutimi (Québec)

SOCIO-ECONOMIC IMPACT: MINERAL RESOURCES

Card no. 1696

PROJECT TITLE: REVIEW AND EVALUATION OF THE POTENTIAL FOR THE DEVELOPMENT OF A YUKON BARITE SUPPLY AND RELATED SOCIO ECONOMIC IMPACT

GEOGRAPHIC LOCATION OF PROJECT: Yukon and Northwest Territories

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs and Department of Energy, Mines and Resources

RESEARCH CO-ORDINATOR: Marcel St-Pierre, Department of Indian and Northern Affairs

RESEARCHER(S): Oliver Vagt, Ado Vaher, Sinclair Collymore and Marcel St-Pierre

FINANCIAL SUPPORT: Federal Government

PURPOSE: To review and evaluate the potential for the development of a Yukon barite supply and the related socio economic impact

METHODOLOGY:

- Meeting with companies involved
- Review of Government files and correspondence related to subject
- Gathering and review of socio economic data for communities involved
- Use of cashflow analysis

PROJECT BEGUN: October 1980

ANTICIPATED COMPLETION: March 1981

CONTACT:

Marcel St-Pierre
Resources Section
Northern Economic Planning
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
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Tel.: (819) 997-0022

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SOLAR HEATING: BUILDING CONSTRUCTION

Card no. 1650

PROJECT TITLE: ANZAC PASSIVE SOLAR HEATED COMMUNITY CENTRE

GEOGRAPHIC LOCATION OF PROJECT: Anzac, Alberta

PROJECT UNDERTAKEN BY: Sunergy Systems Ltd., Carstairs, Alberta and Anzac Citizen Association, Fort McMurray, Alberta

RESEARCH CO-ORDINATOR: J.K. Kleta, Advisor, Energy Resources Research Fund

RESEARCHER(S): M. Kerfoot and M. Gagne

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To design a solar heated community centre. To supervise the construction phase and do the basic monitoring after completion and occupancy of building

METHODOLOGY: Demonstration project: passive solar energy application in northern climates. Community Centre for gatherings and social events within the community

PROJECT BEGUN: 1981

ANTICIPATED COMPLETION: Summer/fall 1981

CONTACT: J.K. Kleta
Advisor, ERRF Program
9915 - 108 Street, Ninth Floor
Petroleum Plaza, South Tower
Edmonton, Alberta
T5K 2C9

TELECOMMUNICATIONS: ALASKA

Card no. 1689

PROJECT TITLE: TELECOMMUNICATIONS IN ALASKA: ECONOMICS AND PUBLIC POLICY

GEOGRAPHIC LOCATION OF PROJECT: Alaska

PROJECT UNDERTAKEN BY: Alaska Governor's Office of Telecommunications

RESEARCH CO-ORDINATOR: William H. Melody, Simon Fraser University, Department of Communications

RESEARCHER(S): Douglas Goldschmidt, Aileen Arnarandos and Heather Hudson

FINANCIAL SUPPORT: Alaska Government

PURPOSE: To examine major telecommunications issues confronting Alaska
interstate rate integration, extension of local service to unserved
rural areas, regulation and jurisdictional cost separations

METHODOLOGY: Reviews telecommunications development, structure of Alaskan
Telecommunications System, rate making and rate regulation
and jurisdictional cost separations

FINDINGS: The study exposes weaknesses in the Alaska telecommunications
structure that have created problems for the development of
a statewide telecommunications system adequate to serve the
needs of Alaskans

PROJECT BEGUN: Summer 1976

ANTICIPATED COMPLETION: April 1978

CONTACT: William H. Melody
Department of Communications
Simon Fraser University
Burnaby, British Columbia
Tel.: (604) 291-4341

654:37
(*424.1)

TELECOMMUNICATIONS: EDUCATION

Card no. 1601

PROJECT TITLE: TELE-EDUCATION

GEOGRAPHIC LOCATION OF PROJECT: Sugluk - George River, Great Whale River, Fort Chimo, Inoucdjouac, Northern Quebec

PROJECT UNDERTAKEN BY: Ministry of Education, Quebec

RESEARCH CO-ORDINATOR: Gilbert Legault, Kativik School Board

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: Delivery of educational material to people in remote regions of Northern Quebec

METHODOLOGY: Anik-B satellite pilot project

PROJECT BEGUN: 1979

ANTICIPATED COMPLETION: February 1981

CONTACT: Louis Leclerc
Co-ordinateur
Programmes experimentaux par satellites
Ministère des communications
Québec
Tel.: (418) 643-8741

TELECOMMUNICATIONS: EDUCATION

Card no. 1602

PROJECT TITLE: ALBERTA EDUCATIONAL COMMUNICATIONS AUTHORITY

GEOGRAPHIC LOCATION OF PROJECT: High Level, Peace River, Grouard, Grande Prairie, Fort McMurray, Medicine Hat and Edmonton

PROJECT UNDERTAKEN BY: Department of Communications and Alberta Educational Communications Authority

RESEARCH CO-ORDINATOR: H.G. Kratz, Alberta Educational Communications Authority

RESEARCHER(S): I.R. James, Special Projects ACCESS, Alberta

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To gain first hand experience with satellite technology as it is applied to educational television programming with the Province of Alberta

PROJECT BEGUN: March 1980

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Alberta Educational Communications Authority, Summary Record Anik-B Users Meeting, June 5 1980, Department of Communications Progress Report

CONTACT: R.J. O'Connor
Department of Communications
Ottawa, Ontario
Tel.: (613) 596-9580

654:
614:37:681.3
(*423)(*421)

TELECOMMUNICATIONS: HEALTH: EDUCATION

Card no. 1509

PROJECT TITLE: MEMORIAL UNIVERSITY FACULTY OF MEDICINE,
TELECONFERENCE SYSTEM

GEOGRAPHIC LOCATION OF PROJECT: Newfoundland and Labrador

PROJECT UNDERTAKEN BY: Memorial University of Newfoundland, Faculty of Medicine,
Continuing Medical Education

RESEARCH CO-ORDINATOR: Judy Roberts, Memorial University of Newfoundland

RESEARCHER(S): Eric M. Canning

FINANCIAL SUPPORT: University, Federal Government, Provincial Government

PURPOSE: To explore the potential of a teleconference system in the health
and education settings of a Province with a small, widely dispersed
population

PROJECT BEGUN: November 1978

ANTICIPATED COMPLETION: On-going

CONTACT: Judy Roberts
Telemedicine and Health
Faculty of Medicine
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3V6
Tel.: (709) 737-6654

654:
614:629.783
(*423)(*421)

TELECOMMUNICATIONS: HEALTH: SATELLITES

Card no. 1508

PROJECT TITLE: MEMORIAL UNIVERSITY ANIK B PILOT PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Newfoundland and Labrador

PROJECT UNDERTAKEN BY: Memorial University, Faculty of Medicine

RESEARCH CO-ORDINATOR: Dr. Max House and Judy Roberts, Memorial University of Newfoundland

RESEARCHER(S): Eric M. Canning

FINANCIAL SUPPORT: Federal Government, Provincial Government and Industry

PURPOSE: To explore the pre-operational feasibility of satellites in a remote health setting and the feasibility of a hybrid satellite/terrestrial audio conferencing system

PROJECT BEGUN: April 1980

ANTICIPATED COMPLETION: 1981

CONTACT: Judy Roberts
Telemedicine and Health
Faculty of Medicine
Memorial University of Newfoundland
St. John's, Newfoundland
A1B 3V6
Tel.: (709) 737-6654

TELECOMMUNICATIONS: HEALTH: SATELLITES

Card no. 1598

PROJECT TITLE: A TELE-MEDICINE SYSTEM FOR SPECIALIZED MEDICAL SERVICES

GEOGRAPHIC LOCATION OF PROJECT: James Bay, LG-2, LG-3

PROJECT UNDERTAKEN BY: Université de Montréal, Institut de génie biomédical

RESEARCH CO-ORDINATOR: Louis Leclerc, Ministère des communications, Québec

RESEARCHER(S): Dr. Fernand Roberge

FINANCIAL SUPPORT: Federal Government, Provincial Government and University

PURPOSE: Audio and video teleconferencing in health care and education in an extension of services from Montreal to remote regions

METHODOLOGY: Anik-B satellite pilot project

PROJECT BEGUN: Spring 1979

ANTICIPATED COMPLETION: August 1980

REPORT AND PUBLICATIONS: Tele-medicine System Montreal, LG-2, Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report

CONTACT: Louis Leclerc
Co-ordinateur
Programmes Expérimentaux par satellites
Ministère des Communications
Québec, P.Q.
Tel.: (418) 643-8741

654:654.15:
654.197
(*470)

TELECOMMUNICATIONS: RADIO: TELEVISION

Card no. 1565

PROJECT TITLE: MACKENZIE RADIO/TELEVISION AUDIENCE SURVEY

GEOGRAPHIC LOCATION OF PROJECT: Upper Mackenzie Region of the Northwest Territories

PROJECT UNDERTAKEN BY: Canadian Broadcasting Corporation

RESEARCH CO-ORDINATOR: Ernie Fraser, Canadian Broadcasting Corporation

FINANCIAL SUPPORT: Federal Government

PURPOSE: To investigate radio listening and television viewing habits of Dogrib, Slavey and Chipewyan adults aged 15-plus resident within the coverage area of CBC's AM radio station in Yellowknife. Information to be used by CBC's northern service in the planning of increased native-language programming for the above mentioned area

METHODOLOGY: Personal interview with respondents selected by a probability sampling technique. Interviewing was done in the Dogrib, Slavey and Chipewyan languages

PROJECT BEGUN: January 1980

ANTICIPATED COMPLETION: September 1980

REPORTS AND PUBLICATIONS: The Native Audience for Radio in the Mackenzie Region of Canada's Northwest Territories: An Audience Survey for CBC Radio Planning with some Related Data on Television Viewing. Canadian Broadcasting Corporation. September 1980

CONTACT: Ernie Fraser
Research Department
Canadian Broadcasting Corporation
P.O. Box 8478
Ottawa, Ontario
K1G 3J5
Tel.: (613) 731-3111 Ext. 511

654:629.783
(*429)(*430)(*440)

TELECOMMUNICATIONS: SATELLITES

Card no. 1599

PROJECT TITLE: PROGRAM DELIVERY PILOT PROJECT IN BRITISH COLUMBIA

GEOGRAPHIC LOCATION OF PROJECT: Northern British Columbia, Whitehorse, Yellowknife and other locations in the North. Forty locations in all

PROJECT UNDERTAKEN BY: Canadian Broadcasting Corporation, Department of Communications and British Columbia Television

RESEARCH CO-ORDINATOR: R.J. O'Connor, Department of Communications

RESEARCHER(S): Hugh Barr, and Tac Negro

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To test the principle of direct broadcasting by satellite

METHODOLOGY: CBC and BCTV programming are being transmitted from Burnaby via the Anik-B satellite to low cost earth terminals located at various sites in northern B.C. and the territories

PROJECT BEGUN: December 14, 1979

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Program Delivery Pilot Project (West), Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report

CONTACT: R.J. O'Connor
Department of Communications
Ottawa, Ontario
Tel.: (613) 596-9580

TELECOMMUNICATIONS: SATELLITES

Card no. 1600

PROJECT TITLE: INUKSHUK

GEOGRAPHIC LOCATION OF PROJECT: Frobisher Bay, Pond Inlet, Igloolik, Cambridge Bay, Eskimo Point, Baker Lake, Northwest Territories

PROJECT UNDERTAKEN BY: Inuit Tapirisat of Canada

RESEARCH CO-ORDINATOR: Lyndsay Green, Inuit Tapirisat of Canada

RESEARCHER(S): Ron Robbins and Gail Valaskakis

FINANCIAL SUPPORT: Federal Government

PURPOSE: Interactive communications and teleconferencing links to meet the special needs of Inuit communities

METHODOLOGY: Anik-B satellite pilot project

PROJECT BEGUN: Fall 1980

ANTICIPATED COMPLETION: February 1981

REPORTS AND PUBLICATIONS: The Inukshuk Project, Summary Record of Anik B Users Meeting, June 5, 1980, Department of Communications Progress Report

CONTACT: Lyndsay Green
Inuit Tapirisat of Canada
176 Gloucester Street
3rd Floor,
Ottawa, Ontario
Tel.: (613) 238-8181

654:629.783:711.1
(*424.1)

TELECOMMUNICATIONS: SATELLITES: ISOLATED COMMUNITIES

Card no. 1596

PROJECT TITLE: NAALAKVIK II

GEOGRAPHIC LOCATION OF PROJECT: Sugluk, George River, Great Whale River, Fort Chimo, Inoucdjouac, Northern Quebec

PROJECT UNDERTAKEN BY: Taqramiut Nipingat Inc.

RESEARCHER(S): Paul Lumsden and Evelyne Foy

FINANCIAL SUPPORT: Federal Government and Provincial Government

PURPOSE: To establish a video and telephone network linking five Inuit communities in Northern Quebec

METHODOLOGY: An Anik-B satellite pilot project

PROJECT BEGUN: Fall 1980

ANTICIPATED COMPLETION: February 1981

REPORTS AND PUBLICATIONS: Project Naalavik II, Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report

CONTACT: Taqramiut Nipingat Inc.
Suite 201
376 Churchill Avenue
Ottawa, Ontario
K1Z 5C3
Tel.: (613) 722-0912

TELECOMMUNICATIONS: TELEVISION

Card no. 1563

PROJECT TITLE:

THE IMPACT AND MEANING OF TELEVISION AMONG NATIVE COMMUNITIES IN NORTHERN MANITOBA

GEOGRAPHIC LOCATION OF PROJECT:

Norway House, Oxford House, Jackhead, Winnipeg, Manitoba

PROJECT UNDERTAKEN BY:

G. Granzberg and J. Steinbring, University of Winnipeg

RESEARCHER(S):

Chris Hans, Cecil Pereira, Nancy Hanks

FINANCIAL SUPPORT:

Federal Government

PURPOSE:

To discover the impact and meaning of television in Algonkian society and to apply the information to Native programming needs in general

METHODOLOGY:

A longitudinal study of pre- and post- television Cree communities at Oxford House and Norway House with control groups at Winnipeg and Jackhead. Use of questionnaires and interviewing as well as participant observation research. The same psychological and sociological measures applied in 1973, prior to the introduction of TV at Norway House and Oxford House, were again administered in 1975 and '77 after TV arrived at Norway House but not yet at Oxford House. A final administering took place in 1978 at the control community (Oxford House) after it received TV

FINDINGS:

Television increases stress and produces higher out-group identity. It does not alter concrete-situational orientations nor idiom of thought used to address complex issues. The level of integration of community influences the nature of stress produced. An integrated community can override aggression-inducing potentials of television but induces heightened levels of wariness and fear. An unintegrated community is unable to dissuade impulsive viewers from higher levels of aggression attitude. Analogies to conjuring and dreaming play a major role in these impacts

PROJECT BEGUN:

1973

ANTICIPATED COMPLETION:

On-going

REPORTS AND PUBLICATIONS:The Impact and Meaning of Television Among Native Communities in Northern Manitoba, University of Winnipeg Press, 1979

Telecommunications in Transcultural Perspective, University of Winnipeg, 1980

TV and the Canadian Indian - Impact and Meaning Among Algonkians of Central Canada, University of Winnipeg, March 1980

CONTACT:

Gary Granzberg
Department of Communications
University of Winnipeg
Winnipeg, Manitoba
R3B 2E9
Tel.: 786-7811 ext. 510 or 576

TELECOMMUNICATIONS: TELEVISION: ISOLATED COMMUNITIES

Card no. 1597

PROJECT TITLE: PROGRAM DELIVERY PILOT PROJECT (EAST)

GEOGRAPHIC LOCATION OF PROJECT: Forty-six locations in central and northern Ontario

PROJECT UNDERTAKEN BY: Department of Communications

RESEARCH CO-ORDINATOR: R.J. O'Connor
Department of Communications, Ottawa

RESEARCHER(S): Peter Bowers, Ontario Educational Communication Authority

FINANCIAL SUPPORT: Provincial Government and Federal Government

PURPOSE: To demonstrate the feasibility of a medium power regional beam of 14/12 GHz satellite to deliver television programming to a combination of urban, rural and remote area locations

PROJECT BEGUN: September 1979

ANTICIPATED COMPLETION: On-going

REPORTS AND PUBLICATIONS: Northern Ontario Hybrid Direct Broadcast Operational Trial, Summary Record of Anik-B Users Meeting, June 5, 1980, Department of Communications Progress Report

CONTACT: R.J. O'Connor
Department of Communications,
Ottawa, Ontario
Tel : (613) 596-9580

654:654.197:629.783
(*410)

TELECOMMUNICATIONS: TELEVISION: SATELLITES

Card no. 1621

PROJECT TITLE: EFFECTS OF AND REACTIONS TO SATELLITE RELAYED TELEVISION ON HIGH SCHOOL STUDENTS IN A NORTHERN COMMUNITY

GEOGRAPHIC LOCATION OF PROJECT: Frobisher Bay, Northwest Territories

PROJECT UNDERTAKEN BY: Concordia University, Sir George Williams Campus, Department of Education

RESEARCH CO-ORDINATOR: Gary Coldevin

RESEARCHER(S): Gary Coldevin and T. Wilson

FINANCIAL SUPPORT: University and Federal Government

PURPOSE: To do a follow-up study of the work done in 1974 on the effects of and reactions to satellite relayed CBC Television on high school students in Frobisher Bay

METHODOLOGY: Administration of questionnaire. Analysis of information collected

PROJECT BEGUN: November, 1980

ANTICIPATED COMPLETION: On-going

CONTACT: Gary Coldevin
Department of Education
Sir George Williams Campus
Concordia University
1455 de Maisonneuve Blvd. West
Montreal, Quebec
H3G 1M8

TELEVISION: EDUCATION: ISOLATED COMMUNITIES

Card no. 1493

PROJECT TITLE: ANIK-B INTERACTIVE INSTRUCTIONAL TELEVISION PROJECT

GEOGRAPHIC LOCATION OF PROJECT: British Columbia and Yukon Territory

PROJECT UNDERTAKEN BY: British Columbia Institute of Technology

RESEARCH CO-ORDINATOR: David Brousson, British Columbia Institute of Technology

RESEARCHER(S): William D. Robertson

FINANCIAL SUPPORT: Federal Government

PURPOSE: To explore the possibilities of distance education for people living in widely scattered and sometimes inaccessible areas of British Columbia and to determine whether interactive instructional television would be both feasible and acceptable to the people it was designed to serve

METHODOLOGY: The project used the Canadian communications satellite, Anik-B, to provide a two-way educational communications network to centres in British Columbia and to Whitehorse in the Yukon Territory. The project was constructed on a consortium model, with receiving and sending institutions participating in course selection and decision making

FINDINGS: Delivery of education by this method was effective and well received by most persons participating at the receiving sites, of which there were ten in British Columbia and one in the Yukon

PROJECT BEGUN: October 1979

ANTICIPATED COMPLETION: On-going

REPORTS AND
PUBLICATIONS:

Instructional Television Project, Progress Report, Department
of Communications, 1980

CONTACT:

Bill Robertson
British Columbia Institute of Technology
Distance Education Department
3700 Willingdon Avenue
Burnaby, British Columbia
V5G 3H2

353:93
(*440)

TERRITORIAL GOVERNMENT: HISTORY

Card no. 1562

PROJECT TITLE: HIGHLIGHTS IN THE DEVELOPMENT OF PUBLIC ADMINISTRATION IN THE NORTHWEST TERRITORIES SINCE 1945

GEOGRAPHIC LOCATION OF PROJECT: Northwest Territories

PROJECT UNDERTAKEN BY: Government of the Northwest Territories, Department of Local Government

RESEARCH CO-ORDINATOR: Frank A.E. Cserepy

PURPOSE: To outline the development of local, regional and territorial governments in the Northwest Territories since the second world war

PROJECT BEGUN: May 1980

ANTICIPATED COMPLETION: August 1980

REPORTS AND PUBLICATIONS: New Styles in administration since 1945. by F.A.E. Cserepy, 1980

CONTACT: Frank A.E. Cserepy
Regional Superintendent
Department of Local Government
Government of the Northwest Territories
Frobisher Bay, Northwest Territories
X0A 0H0
Tel.: (819) 979-5204

TOPOONYMY: NATIVE RIGHTS

Card no. 1546

PROJECT TITLE: LAND OCCUPANCY BY THE AMERINDIANS OF THE CANADIAN NORTHWEST IN THE 19th CENTURY, ACCORDING TO EMILE PETITOT: ANALYSIS OF TOPOONYMIC DATA AND LEGAL IMPLICATIONS

GEOGRAPHIC LOCATION OF PROJECT: Mackenzie Valley, Northwest Territories, and Northern Yukon Territory.

PROJECT UNDERTAKEN BY: Department of Indian and Northern Affairs, Northern Social Research Division

RESEARCH CO-ORDINATOR: Donat Savoie, Department of Indian and Northern Affairs

RESEARCHER(S): Geoffrey, S. Lester and Rachelle Castonguay

FINANCIAL SUPPORT: Federal Government

PURPOSE: To show the location of the major linguistic groups inhabiting the Mackenzie in the late 19th century, using the toponymic material found in E. Petitot's writings, as well as the other information on land use and occupancy contained in his writings and maps. To indicate how this information can be used to demonstrate that the native people of this area have a traditional interest in the lands and waters which they are using and occupying today

FINDINGS: The toponymic information confirms in most cases the information on land use and occupancy given by Petitot. This material can constitute very useful evidence in relation to the problem of proof of an aboriginal title

PROJECT BEGUN: Fall 1979

ANTICIPATED COMPLETION: August 1980

REPORTS AND PUBLICATIONS: Land occupancy by the Amerindians of the Canadian Northwest in the 19th century, according to Émile Petitot. Volume II: Analysis of the Toponymic Data and Legal Implications. Northern Social Research Division, Department of Indian and Northern Affairs by Castonguay R. and Lester G. August 1980

CONTACT: Donat Savoie, Chief
Northern Social Research Division
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Hull, Quebec
Tel.: 997-9120

TOURISM

Card no. 1540

PROJECT TITLE: TOURISM PENETRATION AND TOURISM IMPACT IN LABRADOR

GEOGRAPHIC LOCATION OF PROJECT: Schefferville and central Labrador

PROJECT UNDERTAKEN BY: McGill University, Department of Geography

RESEARCH CO-ORDINATOR: Jan Lundgren, McGill University

RESEARCHER(S): Jan Penrose

FINANCIAL SUPPORT: University

PURPOSE:

- 1) To spatially document and describe the tourism development in Labrador.
- 2) To investigate the functional characteristics of (major) service components of the tourist trade, especially the outfitter operations.
- 3) To identify different types of backward demand linkage patterns for tourist trade enterprises operating in different settlement locations in the study region

METHODOLOGY:

- 1) The diffusion of tourism in the study region can be documented through selective transport statistics, especially data on aircraft movements in the area, but also traffic flow on existing rail network.
- 2) The development of the outfitter services and territorial concessions (provincial registration) can be described through data available with Department of Fish, Game, Tourism in Quebec City.
- 3) Linkage analysis through interviews in field

PROJECT BEGUN: Fall 1980

ANTICIPATED COMPLETION: Fall 1980

CONTACT:

Jan Lundgren
Department of Geography
McGill University
805 Sherbrooke Street West
Montreal, Quebec
Tel.: 392-8084

TOWN RELOCATION: ECONOMIC DEVELOPMENT: SOCIAL SURVEY

Card no. 1610

PROJECT TITLE: SOCIO-ECONOMIC STUDY. NASKAPI BAND OF SCHEFFERVILLE

GEOGRAPHIC LOCATION OF PROJECT: Schefferville, Quebec

PROJECT UNDERTAKEN BY: Peat, Marwick and Partners

RESEARCH CO-ORDINATOR: Norman Hawkins, Peat Marwick and Partners

RESEARCHER(S): Tom Lightbown, Ron Clutz, Louise Hurtubise

FINANCIAL SUPPORT: Federal Government

PURPOSE: To measure the social, economic and cultural benefits or detractions deriving from a contemplated relocation of the Band to one of several potential sites, in comparison with their present situation on the Matimekosh Reserve

METHODOLOGY: Interviews, structured group discussions, community survey questionnaire in the Naskapi language, values ranking, projections of income requirements and relocation "investment" costs

FINDINGS: The relocation benefits of reduced socio-cultural conflicts and improved economic conditions may be acquired at a cost roughly equivalent to the investment required to improve Matimekosh Reserve as a permanent residence

PROJECT BEGUN: September 1978

ANTICIPATED COMPLETION: September 1979

REPORTS AND PUBLICATIONS: Socio-Economic Study Report, Peat, Marwick and Partners, September 1979

CONTACT: Norman Hawkins
Peat, Marwick and Partners
1155 Dorchester Blvd. West
Montreal, Quebec
H3B 2J9
Tel. (514) 879-3208

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330.02:308
(*424.1)

TOWN RELOCATION: ECONOMIC DEVELOPMENT: SOCIAL SURVEY

Card no. 1612

PROJECT TITLE: NEMASKA BAND COMMUNITY DEVELOPMENT

GEOGRAPHIC LOCATION OF PROJECT: Champion Lake, Quebec

PROJECT UNDERTAKEN BY: Peat, Marwick and Partners

RESEARCH CO-ORDINATOR: Norman Hawkins, Peat, Marwick and Partners

RESEARCHER(S): Ron Clutz

FINANCIAL SUPPORT: Native Organization

PURPOSE: To form a holistic integrated plan of action by which band members can control the development of a new community

METHODOLOGY: Structured group planning and discussion process

FINDINGS: Based on an analysis of the difficulties, over 100 activities were identified and organized on a time line

PROJECT BEGUN: June 1977

ANTICIPATED COMPLETION: January 1978

REPORTS AND PUBLICATIONS: Nemaska Consult Report, Grand Council of the Crees (of Quebec), January 1978

CONTACT: Norman Hawkins
Peat, Marwick and Partners
1155 Dorchester Blvd. West
Montreal, Quebec
H3B 2J9
Tel. (514) 879-3208

656:622.34
(*430)

TRANSPORTATION: MINING

Card no. 1613

PROJECT TITLE: DETERMINATION OF A COMPENSATORY RAIL FREIGHT RATE FOR THE MOVEMENT OF CYPRUS ANVIL ORE FROM FARO, YUKON TO SKAGWAY, ALASKA

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: Canadian Transport Commission

RESEARCH CO-ORDINATOR: Canadian Transport Commission, Railway Transport Committee

FINANCIAL SUPPORT: Federal Government

PURPOSE: To determine a compensatory rail freight rate for the movement of Cyprus Anvil ore from Faro, Yukon to Skagway, Alaska

PROJECT BEGUN: June 3, 1980

ANTICIPATED COMPLETION: 1981

CONTACT: Secretary, Railway Transport Committee
Canadian Transport Commission
Les Terrasses de la Chaudière
15 Eddy St.
Hull, Quebec
K1A 0N9
Tel. (819) 997-0894

TRANSPORTATION: MINING, METALS

Card no. 1547

PROJECT TITLE: NORTHEAST MACKENZIE DISTRICT TRANSPORTATION STUDY - PHASE II

GEOGRAPHIC LOCATION OF PROJECT: Contwoyto Lake region east of Great Bear Lake, Northeast Mackenzie District

PROJECT UNDERTAKEN BY: Department of Indian Affairs and Northern Development, Northern Economic Analysis Division

RESEARCH CO-ORDINATOR: Lois Dubose, Department of Indian Affairs and Northern Development

RESEARCHER(S): Northern Economic Analysis Division and Canadian Pacific Consulting Services Ltd.

FINANCIAL SUPPORT: Federal Government

PURPOSE:

1. To examine in detail, costs for selected transportation options for the movement of base metal concentrates from the Contwoyto region to selected smelter sites
2. To examine the economic viability of base metal mining in the Northeast Mackenzie District

METHODOLOGY: A consultant was retained to develop detailed requirements and costs for the movement of concentrates for a combination of rail and road options. Once determined, these costs and other data pertaining to base metal mining in the North will be examined utilizing information derived from a cash-flow model

PROJECT BEGUN: May 1979

ANTICIPATED COMPLETION: Fall 1980

REPORTS AND PUBLICATIONS: Northeast Mackenzie District Transportation Study - Phase II
Assessment of Transportation Option, Canada's Logistics Ltd.,
by Canadian Pacific Consulting Services Ltd., August 1980

CONTACT: Lois Dubose
Northern Economic Analysis Division
Northern Affairs Program
Department of Indian Affairs and Northern Development
Les Terrasses de la Chaudière
Ottawa, Ontario
Tel.: (819) 997-0022

675.6:591.5
(*430)

TRAPPING: ECOLOGY

Card no. 1503

PROJECT TITLE: MARTEN RESEARCH PROJECT

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: Government of Yukon, Wildlife Branch

RESEARCH CO-ORDINATOR: Ralph Archibald

RESEARCHER(S): Harvey Jessup, Steve Berne

FINANCIAL SUPPORT: Territorial Government

PURPOSE: To study the winter ecology and effects of trapping on marten populations. To generate a management strategy for this species throughout the Yukon

METHODOLOGY: Intensive field research and laboratory analyses

PROJECT BEGUN: October 1978

ANTICIPATED COMPLETION: October 1983

REPORTS AND PUBLICATIONS: Marten Progress Report No. 2. Yukon Territory Government progress report, April 1980

CONTACT: Ralph Archibald
Box 2703
Whitehorse, Yukon
Tel.: (403) 667-7062

TRAVEL: LITERATURE

Card No. 1660

PROJECT TITLE: 20TH CENTURY TRAVEL WRITING: A PORTRAIT OF THE CANADIAN NORTH

GEOGRAPHIC LOCATION OF PROJECT: Canada North of 60° and several more southerly regions in the Labrador peninsula and the Hudson Bay drainage

PROJECT UNDERTAKEN BY: University of Calgary, Arctic Institute of North America

RESEARCH CO-ORDINATOR: Richard C. Davis, Arctic Institute of North America

FINANCIAL SUPPORT: University

PURPOSE: To critically analyze eight of the best books of travel writing related to Northern Canada. This project was completed as a Ph.D dissertation in 1979. Currently, the dissertation is being expanded and revised into book form

METHODOLOGY: The approach has been threefold:

- 1) By assessing the author's ability in the craft of writing
- 2) By evaluating his response to what he encounters
- 3) By comparing the northern travellers' evocation of landscape and experience with that described by Canadian novelists

FINDINGS: The travel accounts selected contain some of the best writing about the Canadian North. They re-create settings and experiences more satisfactorily than do most creative efforts. The general response of the travellers is convincing and positive, pointing to the constant monochromatic vision of the "northern wasteland" that informs most novels. The allure of the North can be seen in three developmental stages within the 20th century alone

PROJECT BEGUN: Fall 1979

ANTICIPATED COMPLETION: Summer 1981

CONTACT: Richard C. Davis
Arctic Institute of North America
University of Calgary
2500 University Drive Northwest
Calgary, Alberta
T2N 1N4
Tel.: (403) 284-3387

TRIBAL COURTS: INDIAN

Card no. 1434

PROJECT TITLE: INDIAN TRIBAL COURTS IN THE UNITED STATES - A MODEL FOR CANADA?

GEOGRAPHIC LOCATION OF PROJECT: Canada

PROJECT UNDERTAKEN BY: University of Ottawa, Faculty of Law

RESEARCH CO-ORDINATOR: Bradford W. Morse, University of Ottawa

PURPOSE: To review the existing American literature on tribal courts, analyze the assets and defects of this system, and evaluate the viability of developing a similar or related system in Canada

METHODOLOGY: Literature search and review of American and Canadian materials followed by an evaluation by the author

FINDINGS: Although American Indian Tribal Courts suffer from certain inadequacies, they have been instrumental in promoting self-government, maintaining the remaining level of sovereignty, and minimizing negative, legal and social consequences. Developing a similar system in Canada is feasible and legally possible

PROJECT BEGUN: 1976

ANTICIPATED COMPLETION: 1980

CONTACT: Bradford W. Morse
University of Ottawa
Faculty of Law
Ottawa, Ontario
K1N 6N5
Tel.: 231-2923

VEGETATION: ENVIRONMENTAL POLLUTION

Card no. 1628

PROJECT TITLE: EFFECTS OF ACID FUMES ON LAND AND WATER VEGETATION

GEOGRAPHIC LOCATION OF PROJECT: Smoking Hills, Norman Wells, Tuktoyaktuk, Northwest Territories

PROJECT UNDERTAKEN BY: University of Toronto, Department of Botany

RESEARCH CO-ORDINATOR: T.C. Hutchinson

RESEARCHER(S): T.C. Hutchinson

FINANCIAL SUPPORT: University

PURPOSE: To continue a study of the effects of acid fumes on land and water vegetation

METHODOLOGY: Collection of soil samples Soil samples to be used in laboratory analysis. Oil site visitation and monitoring

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: August 1980

CONTACT: T.C. Hutchinson
Department of Botany
University of Toronto
Toronto, Ontario
M5S 1A1

VEGETATION: SOILS: SURVEY

Card no. 1636

PROJECT TITLE: VEGETATION AND SOIL SURVEY ON VICTORIA ISLAND

GEOGRAPHIC LOCATION OF PROJECT: Victoria Island

PROJECT UNDERTAKEN BY: Western Ecological Services Ltd.

RESEARCH CO-ORDINATOR: Everett Peterson

RESEARCHER(S): Everett Peterson, V. Levson and R. Kabzems

FINANCIAL SUPPORT: Industry

PURPOSE: To describe the vegetation and terrain-vegetation relationships in the zone along the proposed Polar Gas Pipeline Route on Victoria Island

METHODOLOGY: Literature review; helicopter reconnaissance; detailed observation and description of vegetation and terrain along the proposed pipeline route

PROJECT BEGUN: August 1980

CONTACT: Everett Peterson
Western Ecological Services Ltd.
211-11 Fairway Dr.
Edmonton, Alberta
T6J 2W4

331.2:39
(*427)

WAGE EMPLOYMENT: NATIVE PEOPLE

Card no. 1476

PROJECT TITLE: THE IMPACT OF WAGE EMPLOYMENT UPON METIS OF NORTHERN SASKATCHEWAN

GEOGRAPHIC LOCATION OF PROJECT: Northern Saskatchewan

PROJECT UNDERTAKEN BY: University of Saskatchewan, Institute for Northern Studies

RESEARCH CO-ORDINATOR: Robert M. Bone, University of Saskatchewan

FINANCIAL SUPPORT: Federal Government

PURPOSE: To evaluate the role of wage employment in a weakly developed area

METHODOLOGY: Analysis of data from 1976-77 Housing Needs Project

PROJECT BEGUN: late 1980

ANTICIPATED COMPLETION: fall 1981

CONTACT: Robert M. Bone
Institute for Northern Studies
University of Saskatchewan
Saskatoon, Saskatchewan
S7N 0W0
Tel.: (306) 343-4316

599.745.2:591.543.4
(*410)

WALRUS: MIGRATION

Card no. 1641

PROJECT TITLE: ATLANTIC WALRUS POPULATION

GEOGRAPHIC LOCATION OF PROJECT: Coral Harbour and Coats Island

PROJECT UNDERTAKEN BY: York University, Department of Biology

RESEARCH CO-ORDINATOR: E.H. Miller

RESEARCHER(S): E.H. Miller and D. Boness

FINANCIAL SUPPORT: Private Foundation

PURPOSE:

- 1) To undertake a study on the distribution, numbers, movements, feeding grounds, and reproductive characteristics of Atlantic walrus
- 2) To describe herd composition, formation, and dissolution including measurements of time ashore between feeding trips, duration of feeding trips, movements of individuals within herds and the effects of weather on individual and group behaviour

PROJECT BEGUN: July 1980

CONTACT:
E.H. Miller
Department of Biology
York University
4700 Keele St.
Downsview, Ontario
M3J 1P3

WATER DISTRIBUTION SYSTEM

Card no. 1535

PROJECT TITLE: DEVELOPMENT AND EVALUATION OF WATER BLEEDER CONTROLS-UP-A-182

GEOGRAPHIC LOCATION OF PROJECT: Whitehorse, Yukon

PROJECT UNDERTAKEN BY: D.W. Smith, University of Alberta, Department of Civil Engineering

RESEARCH CO-ORDINATOR: Bryan Armstrong, Environmental Protection Service, Northern Technology Unit

FINANCIAL SUPPORT: Federal Government

PURPOSE: To identify and develop technically and economically viable bleeder flow reduction alternatives for existing installations and to predict the effects of these on the water and sewer system in Whitehorse. Alternatives for upgraded or new installations are also to be addressed

METHODOLOGY:

- Phase I: Preliminary evaluation and monitoring of existing system in Whitehorse
- Phase II: Laboratory research and evaluation of water bleeder alternatives
- Phase III: Hydraulic and temperature modelling of the water distribution system
- Phase IV: Development of the field testing program

PROJECT BEGUN: November 1979

ANTICIPATED COMPLETION: March 1981

CONTACT:

R.J. Kowal or B.C. Armstrong
Northern Technology Unit
Environmental Protection Service
804, 9942-108 Street
Edmonton, Alberta
T5K 2J5
Tel.: (403) 420-2560

WATER MANAGEMENT: ECONOMIC DEVELOPMENT

Card no. 1705

PROJECT TITLE: YUKON WATER RESOURCES MANAGEMENT: INSTITUTIONAL AND POLICY ISSUES

GEOGRAPHIC LOCATION OF PROJECT: Yukon

PROJECT UNDERTAKEN BY: University of British Columbia, Westwater Research Centre

RESEARCH CO-ORDINATOR: Irving K. Fox, Westwater Research Centre

RESEARCHER(S): Peggy Eyre, Thomas Burton, G.A. Constable, Ian Hayward
Robert Keith, Winston Mair, Douglas Strang and John Thompson

FINANCIAL SUPPORT: University, Federal Government and Private Foundation

PURPOSE: To identify and define major institutional and policy issues related to water resources management in the Yukon and to assess alternative ways of dealing with these issues

METHODOLOGY: Interviews; literature investigations and utilization of engineering, economic, biological, and social science analytical methods as being appropriate to identifying the consequences of alternative policies and institutional arrangements

PROJECT BEGUN: December 1979

ANTICIPATED COMPLETION: December 31, 1981

REPORTS AND PUBLICATIONS: Report on the Workshop on Water Resource Management Problems and Issues in the Yukon, Westwater Research Centre, April 21, 1980

CONTACT: Irving K. Fox
Professor
Westwater Research Centre
University of British Columbia
Vancouver, B.C. V6T 1W5
Tel.: 228-4956

WHALES: BEHAVIOUR

Card no. 1625

PROJECT TITLE: BOWHEAD WHALE BEHAVIOUR

GEOGRAPHIC LOCATION OF PROJECT: Cape Parry, Northwest Territories

PROJECT UNDERTAKEN BY: LGL Ltd.

RESEARCH CO-ORDINATOR: W. John Richardson

RESEARCHER(S): P. McLaren, W. Renaud, B. Wursig, A. Sezerak, K. Hazard, G. Silber, P. Thomas and W. Griffiths

FINANCIAL SUPPORT: United States Government

PURPOSE: There are four basic objectives:

- a) Document the normal behaviour patterns of the bowhead whale
- b) Determine type and quantity of responses, if any, of bowheads to boats and aircraft passing at various distances
- c) Determine the type and quantity of responses, if any, of bowheads to underwater playbacks of recorded industrial noises
- d) Determine and compare the physical characteristics of water and zooplankton abundance in feeding and non-feeding areas

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: September 1980

CONTACT: W. John Richardson
Vice-President, Research
LGL Ltd.
Suite 414, 44 Eglinton Ave. West
Toronto, Ontario

WHALES: ECOLOGY: HISTORY

Card no. 1550

PROJECT TITLE: HISTORICAL LITERATURE REVIEW ON INSHORE CETACEANS OF SOUTH BAFFIN ISLAND AND LABRADOR FROM DORSET TIME TO THE PRESENT

GEOGRAPHIC LOCATION OF PROJECT: South Baffin Island and Labrador

PROJECT UNDERTAKEN BY: Carol Brice-Bennett

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Carol Brice-Bennett

FINANCIAL SUPPORT: Federal Government

PURPOSE: To compile existing published historical and other sources that are accessible and contain information on the seasonal distribution and availability of these sea mammals. Particular emphasis will be placed on developing an ecological perspective of the Port Burwell area, because this area appears to be the route of possible interchanges between the two putative stock areas for Beluga and Bowhead, i.e., Hudson Bay and Davis Strait

PROJECT BEGUN: April 1979

ANTICIPATED COMPLETION: March 1980

REPORTS AND PUBLICATIONS: An Overview of the Occurrence of Cetaceans along the Northern Labrador Coast, by Carol Brice-Bennett, March 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

WHALES: MIGRATION

Card no. 1552

PROJECT TITLE: BOWHEAD WHALE SIGHTINGS IN THE CENTRAL AND EASTERN CANADIAN ARCTIC

GEOGRAPHIC LOCATION OF PROJECT: Central and Eastern Canadian Arctic

PROJECT UNDERTAKEN BY: Michèle McLaughlin

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): Michèle McLaughlin

FINANCIAL SUPPORT: Federal Government

PURPOSE: To prepare a detailed table, map and text delineating the distribution and sources of bowhead whale sightings in the Central and Eastern Canadian Arctic from that period represented by the Nesheim cards and other sources

PROJECT BEGUN: April 1979

ANTICIPATED COMPLETION: March 1980

REPORTS AND PUBLICATIONS: Migration of Bowhead Whale in the Eastern Canadian Arctic,
by Michèle McLaughlin, March 31, 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
K1A 0H4
Tel.: (819) 997-0044

WHALES: MIGRATION

Card no. 1624

PROJECT TITLE: BOWHEAD WHALE DISTRIBUTION AND MOVEMENT STUDY

GEOGRAPHIC LOCATION OF PROJECT: Toker Point, Cape Bathurst, Northwest Territories

PROJECT UNDERTAKEN BY: LGL Ltd.

RESEARCH: CO-ORDINATOR: Rolph A. Davis

RESEARCHER(S): Rolph A. Davis, M.A. Fraker, P.L. McLaren, W.E. Renaud, C. Holdsworth, P. Fraker

FINANCIAL SUPPORT: Industry

PURPOSE: To document the number, distribution and movements of bowhead whales within the prescribed area

METHODOLOGY: Aerial surveys with Twin Otter and Islander aircraft will be used

PROJECT BEGUN: August 1980

ANTICIPATED COMPLETION: September 1980

CONTACT: Rolph A. Davis
LGL Ltd.
Environmental Research Associates
44 Eglinton Ave. West
Toronto, Ontario
M4R 1A1

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WHALES: MIGRATION

Card no. 1634

PROJECT TITLE: WHALE TAGGING EXPERIMENT IN THE BEAUFORT SEA

GEOGRAPHIC LOCATION OF PROJECT: Beaufort Sea, West of 125°W

PROJECT UNDERTAKEN BY: National Marine Mammal Laboratory, United States Government

RESEARCH CO-ORDINATOR: Larry Hobbs

RESEARCHER(S): B.R. Mate and J.H. Johnson

FINANCIAL SUPPORT: United States Government

PURPOSE: To develop a capability to track and tag large cetaceans (whales). This capability will allow for tracking of these mammals in order to better understand their behaviour and to assess possible impacts of oil and gas developments on them

PROJECT BEGUN: July 1980

ANTICIPATED COMPLETION: September 1980

CONTACT: Larry Hobbs
Marine Mammal Tagging Office
National Marine Mammal Laboratory, NWAFC
7600 Sand Point Way, NE, Bldg. 32
Seattle, Washington 98115
United States

WHALES: PHYSIOLOGY

Card no. 1553

PROJECT TITLE: CETACEAN SAMPLING, NORTH BAFFIN ISLAND

GEOGRAPHIC LOCATION OF PROJECT: North Baffin Island

PROJECT UNDERTAKEN BY: LGL Limited

RESEARCH CO-ORDINATOR: Camille Mageau, Department of Indian and Northern Affairs

RESEARCHER(S): R. Wagemann, A. Lutz, J.B. Kemper and B. Fallis

FINANCIAL SUPPORT: Federal Government

PURPOSE: To take representative samples from narwhal and other cetaceans opportunistically from the native hunt while contractors are present on other projects. Samples will be used for heavy metal analysis, aging and physiological work. Pond Inlet tissues samples will be compared with those collected near Arctic Bay and the Nanisivik mine site

PROJECT BEGUN: May 1979

ANTICIPATED COMPLETION: December 1980

REPORTS AND PUBLICATIONS: Selenium and Five Heavy Metals in Tissues of Narwhal, by R. Wagemann and A. Lutz, October 1980

CONTACT: Camille Mageau
Offshore Environment Division
Northern Environmental Protection Branch
Department of Indian and Northern Affairs
Les Terrasses de la Chaudière
Ottawa, Ontario
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Tel.: (819) 997-0044

WILDLIFE: FOREST FIRES: MAMMALS

Card no. 1669

PROJECT TITLE: EFFECTS OF A FOREST FIRE ON TAIGA MAMMALS

GEOGRAPHIC LOCATION OF PROJECT: Northern Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Department of Zoology

RESEARCH CO-ORDINATOR: William O. Pruitt Jr.

RESEARCHER(S): James Johnson

PURPOSE: To study the immediate effects of a large forest fire on an area about which a large amount of biological data had been gathered previously

METHODOLOGY: Repeating earlier (pre-fire) techniques

PROJECT BEGUN: September 1981

ANTICIPATED COMPLETION: September 1983

CONTACT: William O. Pruitt Jr.
Department of Zoology
University of Manitoba
Winnipeg, Manitoba
Canada
R3T 2N2

WILDLIFE: FUR: ECOLOGY

Card no. 1668

PROJECT TITLE: COMPARATIVE ECOLOGY OF MARTEN AND FISHER

GEOGRAPHIC LOCATION OF PROJECT: Northern Manitoba

PROJECT UNDERTAKEN BY: University of Manitoba, Department of Zoology

RESEARCH CO-ORDINATOR: William O. Pruitt Jr.

RESEARCHER(S): Michael Ramil

FINANCIAL SUPPORT: Provincial Government

PURPOSE: To compare home ranges, food habits, breeding of two closely related species in the same general region

METHODOLOGY: Radiotalometry, scat analysis, stomach analysis, trailing

PROJECT BEGUN: August 1978

ANTICIPATED COMPLETION: Summer 1981

CONTACT: William O. Pruitt Jr.
Department of Zoology
University of Manitoba
Winnipeg, Manitoba
Canada
R3T 2N2

WILDLIFE MANAGEMENT

Card no. 1429

<u>PROJECT TITLE:</u>	ENVIRONMENTALLY SIGNIFICANT AREAS IN THE YUKON
<u>GEOGRAPHIC LOCATION OF PROJECT:</u>	Yukon Territory
<u>PROJECT UNDERTAKEN BY:</u>	University of Waterloo, Faculty of Environmental Studies
<u>RESEARCH CO-ORDINATOR:</u>	John Theberge and James Gorden Nelson, University of Waterloo
<u>RESEARCHER(S):</u>	10 graduate students
<u>FINANCIAL SUPPORT:</u>	Federal Government and Private Foundation
<u>PURPOSE:</u>	To identify areas of immediate significance for biophysical, cultural or related reasons and to make recommendations for their wise management
<u>METHODOLOGY:</u>	First level mapping and identification of 35 areas completed using biophysical, cultural, and other information from government and non-governmental organizations; legislative and agency analysis undertaken to identify appropriate management regime for the 35 areas
<u>FINDINGS:</u>	A map of 35 areas with text and management recommendations. This report stresses, among other things, the social and cultural significance of the 35 areas for hunting, fishing, aesthetic, recreational, conservational and other reasons
<u>PROJECT BEGUN:</u>	Fall 1978
<u>ANTICIPATED COMPLETION:</u>	First phase completed, second level or more detailed study of 6 key areas now underway
<u>REPORTS AND PUBLICATIONS:</u>	<u>Environmentally Significant Areas in the Yukon, Canadian Arctic Resources Committee, 1980, by J. Theberge, J.G. Nelson and T. Fenge (eds)</u>
<u>CONTACT:</u>	John Theberge, and James Gordon Nelson Planning and Geography Faculty of Environmental Studies University of Waterloo Tel.: 885-1211

599.742.1 (CANIS LUPUS):

599.735.2

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WOLVES: CARIBOU

Card no. 1683

PROJECT

TITLE:

WOLVES ON THE BATHURST CARIBOU RANGE

GEOGRAPHIC

LOCATION OF

PROJECT:

North of Great Slave Lake to Bathurst Inlet, Northwest Territories

PROJECT

UNDERTAKEN BY:

Government of the Northwest Territories, Department of Renewable Resources, Wildlife Service

RESEARCH

CO-ORDINATOR:

B. Stephenson, Government of the Northwest Territories

RESEARCHER(S):

D. Heard

FINANCIAL

SUPPORT:

Territorial Government

PURPOSE:

To determine if wolves associated with caribou on the winter range follow caribou to the calving areas

METHODOLOGY:

Capture wolves and attach radio collars. Monitor subsequent movements

FINDINGS:

Non-denning wolves may follow caribou. Most dens were found along treeline. Denning wolves were without caribou for 6 to 8 weeks (June and July)

PROJECT

BEGUN:

1979

ANTICIPATED

COMPLETION:

1981

CONTACT:

D. Heard
Wildlife Service
Department of Renewable Resources
Government of the Northwest Territories
Yellowknife, Northwest Territories
X1A 2L9
Tel.: (403) 873-7775

